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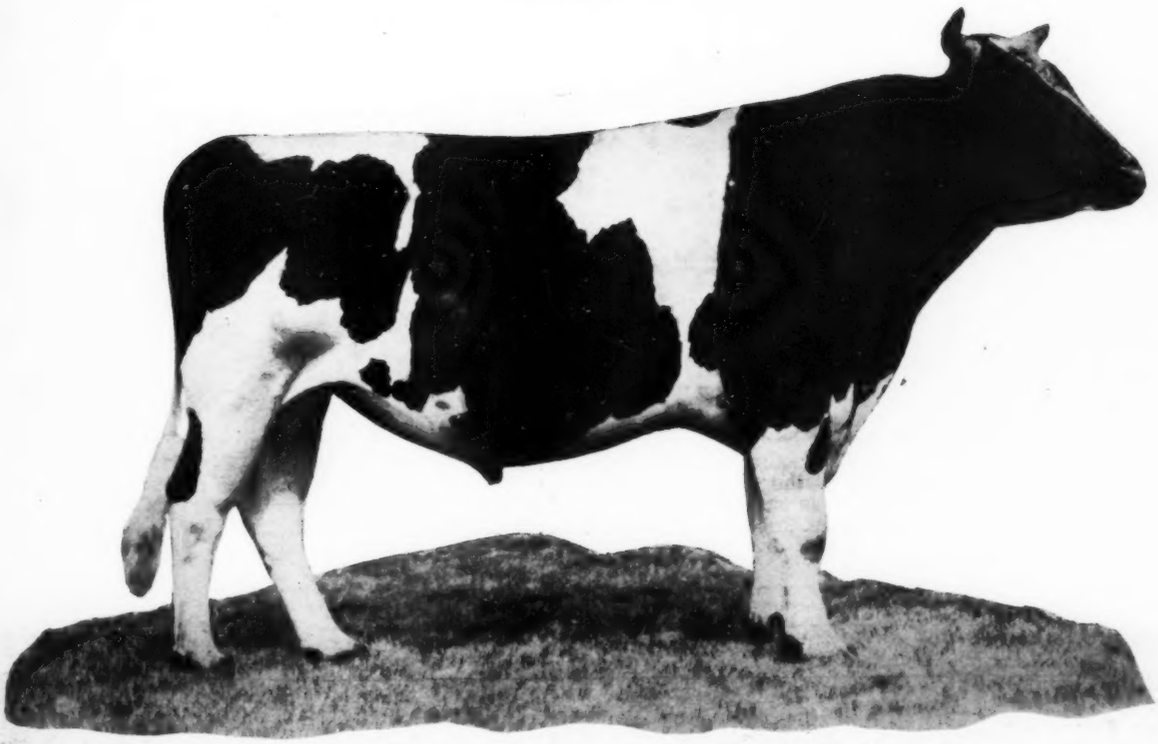


SIR PIETERTJE ORMSBY MERCEDES 37th 110160

Son of Sir Pietertje Ormsby Mercedes and Spring Brook Bess Burke 2d. His list includes 4-year-olds with 35 and 36 lbs. and 2-year-olds with 27 and 29 lbs.—with proportionate showings in long-time test. Developed by John Erickson & Sons, Waupaca, Wis. Now owned by E. C. Schroeder Farms, Moorhead, Minn,. T. H. Skrei and O. J. Grover of Glyndon, Minn.

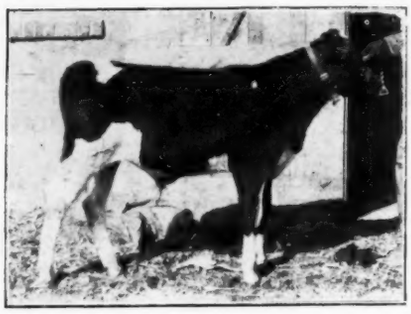
Entered as second class matter December 10, 1918, at the Postoffice at Lacona, N .Y., under the Act of March 3, 1879.

K. P. O. P.

STRONG IN ORMSBY — RICH IN INDIVIDUALITY

From A 32.88-lb. Dam

HE'S A K P O P BULL



HE'S A K P O P BULL

King Pietertje Ormsby Piebe 27th

HIS FOUR NEAR DAMS AVERAGE:

Butter 365 days	1197.52
Milk	25424.6
Butter 7 days	34.26

	7 days	365 days
His Dam	32.88	883.93
Her Twin Sister	34.22	
His Second Dam	41.11	1281.46

(World's Record Dam and Twin Daughters)

SIRED BY K. P. O. P.

You do not need to be told about the sire, K. P. O. P.—how his offspring won First Get of Sire at the Cattle Congress two years a running,—how two groups of his placed in Get of Sire class at the Cattle Congress—how his sons and daughters have won the blue at practically every important fair in the Middle West—how his daughters are making records up to 20 lbs. in short test and 800 lbs. in long test as junior 2-year-olds.

ATTRACTIVE TERMS ON K. P. O. P. BULLS

UNDER FEDERAL SUPERVISION

HARGROVE AND ARNOLD FARMS

OWNERS OF

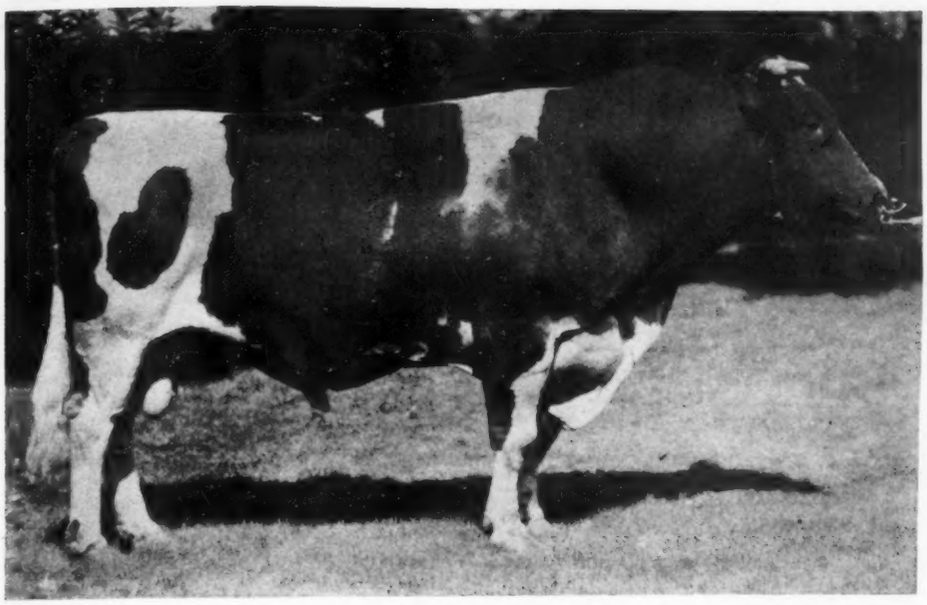
KING PIETERTJE ORMSBY PIEBE

JOINTLY WITH IOWLEA FARMS AND W.E.GILLETTE & SONS, FOSTORIA, IOWA

NORWALK, IOWA

THE POWER OF HIS BLOOD

ORMSBY KORNDYKE LAD



A LIST OF HIS LEADING DAUGHTERS

FOR BUTTER

O. K. L. Pearl Tula	1366.75
O. K. L. Andire Posch	1240.93
Ormsby Korndyke Armyn	1231.00
Geertje Queen D. K. Posch 2d	1213.00
O. K. L. Royal Beets	1208.59
O. K. L. Pearl	1117.04
Beaver Dam Ormsby Johanna	1110.24
Mabel Ormsby Pontiac	1104.70
Maple Knoll Snowflake 2d	1081.81
Ormsby Korndyke Pearl Mooie	1079.89
O. K. L. Pearl D. K. Andire	1029.50
Maple Knoll Plum	1020.00
Tranquillity Ormsby Tehee	1014.79
Beaver Dam Rosie	1011.34

FOR MILK

O. K. L. Andire Posch	30097.40
Geertje Queen D. K. P. 2d	28836.
O. K. L. Royal Beets	28084.90
O. K. L. Pearl Tula	27389.20
Ormsby Korndyke Armyn	26693.
Beaver Dam Ormsby Johanna	25516.50
Maple Knoll Snowflake 2d	25007.20
O. K. L. Pearl D. K. Andire	24863.00
Maple Knoll Plum	24750.
Ormsby Korndyke Pearl Mooie	24642.10
O. K. L. Pearl	23189.00
Mabel Ormsby Pontiac	23032.30
Beaver Dam Rosie	22926.10
Tranquillity Ormsby Tehee	22361.50
O. K. L. Albina	22270.50
Pearl Andire Posch 2d	20787.40

ORMSBY KORNDYKE LAD HAS 18 SEMI-OFFICIAL DAUGHTERS

83% have made over 1000 lbs. butter in a year.....(twice greater than any other sire)
83% have made over 900 lbs. in a year.....(19% greater than any other sire)
94% have made over 800 lbs. in a year.....(14% greater than any other sire)
22% have produced over 27,000 lbs. milk in a year.....(twice greater than any other sire)
44% have produced over 25,000 lbs. milk in a year.....(18% greater than any other sire)
61% have produced over 24,000 lbs. milk in a year.....(31% greater than any other sire)
71% have produced over 23,000 lbs. milk in a year.....(23% greater than any other sire)
83% have produced over 22,000 lbs. milk in a year.....(27% greater than any other sire)
83% have produced over 21,000 lbs. milk in a year.....(17% greater than any other sire)
89% have produced over 20,000 lbs. milk in a year.....(16% greater than any other sire)

(On a basis of 12 or more tested)

Ormsby Korndyke Lad has more 1000-lb. daughters; more 27,000-lb. daughters; more 25,000-lb. daughters; more 24,000-lb. daughters; more 23,000-lb. daughters; more 22,000-lb. daughters than any other sire, living or dead.

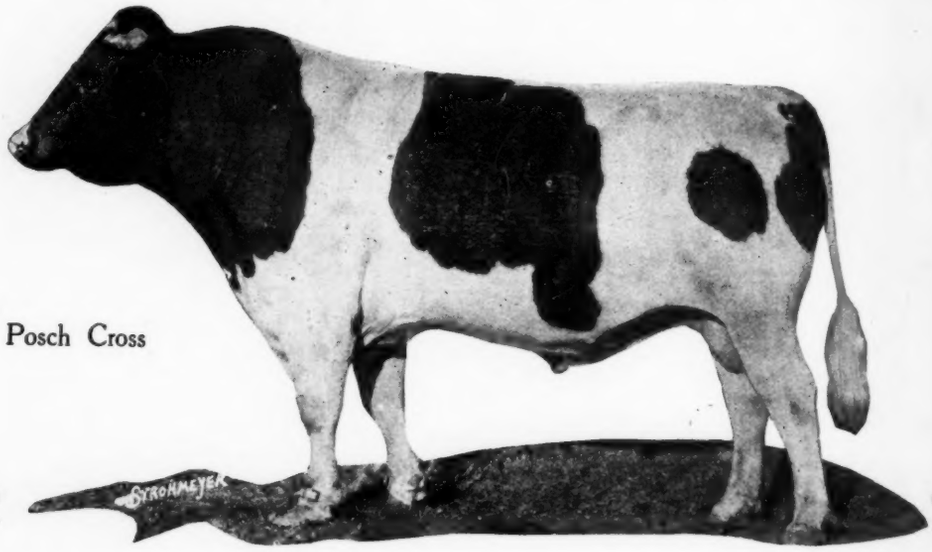
1063 Lbs. Butter. The Average of all His Daughters **24436** Lbs. Milk

BEAVER DAM STOCK FARM MONTGOMERY NEW YORK

"Home of Ormsby Sensation"

CORNUCOPIA ORMSBY LAD

(Best Proven Son of Ormsby Korndyke Lad)



With a
Double Posch Cross

HIS FIRST TWENTY TWO-YEAR-OLD DAUGHTERS AVERAGE 429 LBS. MILK AND 18 LBS. BUTTER

HIS NINE THREE-YEAR-OLD DAUGHTERS AVERAGE 543 LBS. MILK AND 24.07 LBS. BUTTER.

HIS TWO FOUR-YEAR-OLD DAUGHTERS AVERAGE 497.5 LBS. MILK AND 28.34 LBS. BUTTER

WE ARE WILLING to rest the case of Cornucopia Ormsby Lad upon the performance of his daughters. A summary of their performance appears above.

We know of no other son of his sire and of but few bulls of the breed that can show a comparative production for both milk and butter for each one of his twenty two-year-old daughters.

Cornucopia Ormsby Lad is unquestionably the best proven son of Ormsby Korndyke Lad. Ormsby Korndyke Lad, through the work of his daughters, and we believe his sons are just as great, has established himself as a leader of the breed.

This particular son is especially fortunate, being not only a son of so great a sire, but also having a double cross of the famous Posch breeding, of which so many great producing animals are so closely descended. His dam is Ada Cornucopia Posch, a 33-lb. cow and sired by Alta Posch's son. This cow is also the dam of Cornucopia Korndyke Pontiac, who has nine 30-lb. daughters.

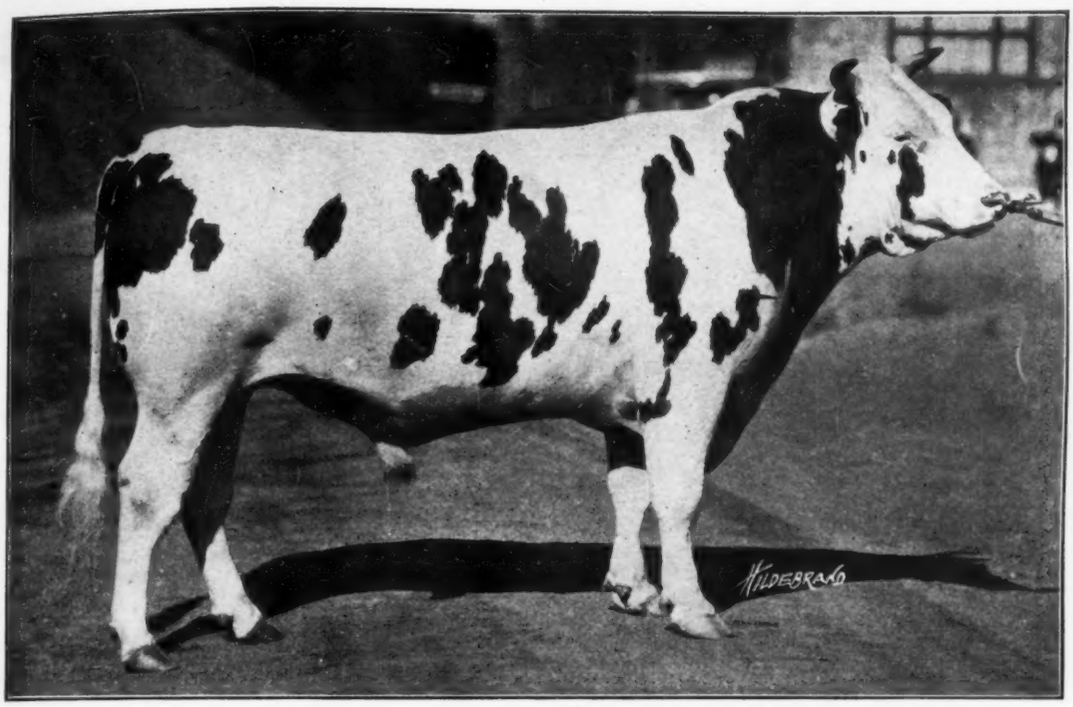
Three three-year-old daughters of Cornucopia Ormsby Lad have produced over 600 lbs. milk in 7 days and one of his two-year-olds produced over 540 lbs. His daughters are big, strong, handsome animals with large, evenly balanced and well placed udders. With this combination of individuality and production, his daughters closely approach the ideal.

His Sons are from some of our great old foundation cows, and cows that were selected because of their type and conformation, and on which we have been fortunate in putting creditable records. These calves are extremely desirable not only in the sense of individual quality, but you may be assured the blood lines back of them will bring to your herd a most generous measure of the production we are getting from these young bulls' sisters. We also have desirable grandsons of Cornucopia Ormsby Lad from his 600-lb. dams and sired by Colantha Denver Champion, a son of Colantha Johanna Champion, from that famous 39-lb. cow, Northern Fobes Denver.

BLACRES

WELLSBORO, PENN.

"Watch this Son of Ormsby Korndyke Lad"



PIETERTJE PROSPECT COLANTHA

The Milk Champion's Son

YOU have marveled at the wonderful production of the great cow, Segis Pietertje Prospect, the breed's only 37,000-lb. cow, and dam of Pietertje Prospect Colantha. You have perhaps thought it almost inconceivable for one cow to average to produce over 102 lbs. of milk a day for a full year—and how many cows have done this even for one day? Because of this wonderful production, and because Pietertje Prospect Colantha is her son, you might have overlooked something just as important.

HAVE you stopped to consider that he is sired by a bull whose dam is one of the great daughters of Hengerveld De Kol, and that his sire is by old Colantha Johanna Lad, who has more 600-lb. daughters than any bull every had? When you stop to consider this and to realize that it is doubled up to the production of Segis Pietertje Prospect, you need not be surprised that Pietertje Prospect Colantha is the great bull he is. This great sire is now owned by

Huntington Valley and Brentwood Farms

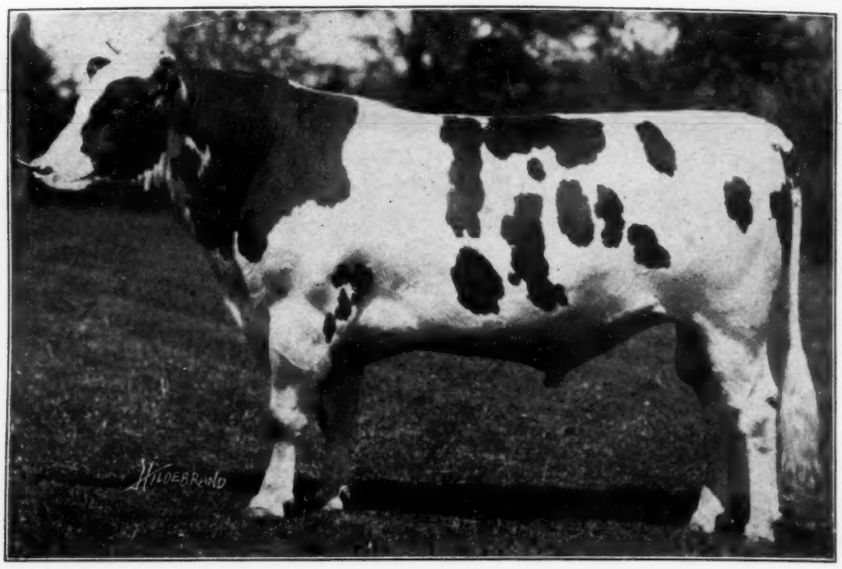
At
Meadowbrook, Pa.

At
Abington, Pa.

Count Paul Posch

By a Grandson of May Echo Sylvia

From a 34 lb. Dam



His Dam is Canadian Champion Butter Producer (7-Day) for Cows Over 12 Years Old

Yates Farms

Orchard Park, New York

HARRY YATES, Owner T. M. ADAMS, Manager

Under State and Federal Supervision

WANDAGA HERD

(Under Federal Supervision)

Do you want a herd sire that will build up your herd? Here is an opportunity that you cannot afford to lose and at a price you can afford to pay.

KING WANDAGA FRIEND

Born March 25, 1920

You know **Wandaga,** the sire of this young bull; but just to refresh your memory, he is a son of Wandermeere Belle Hengerveld, former World's Champion 4-year-old with record of 42.65 lbs. butter in a week and at one time the highest priced dairy female, selling in public auction for $18,300.00.

The dam of King Wandaga Friend is a granddaughter of King of the Pontiacs and has a record as a 5-year-old of

Butter 7 days	30.27 lbs.
Milk	685.60 lbs.

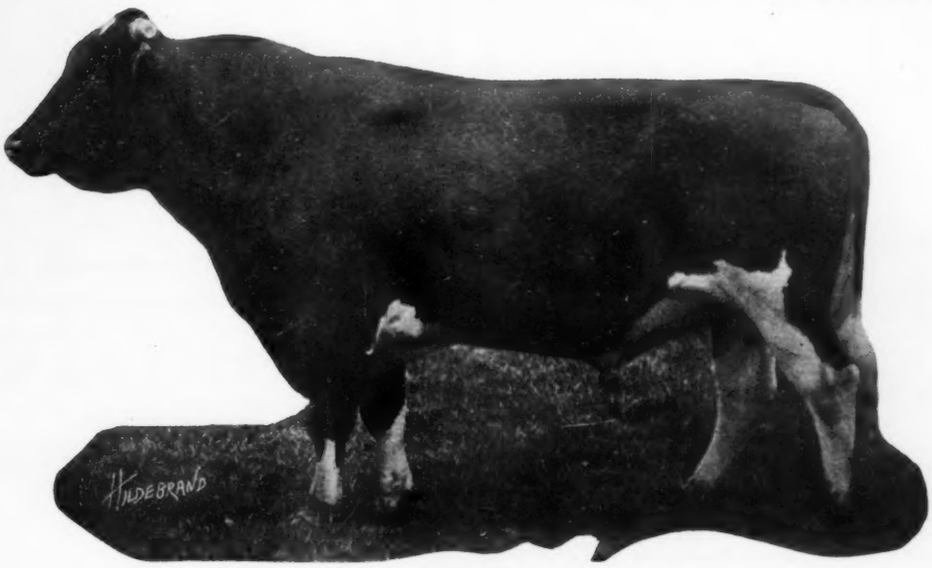
and in official test averaged over 99 lbs. of milk per day for a week. As a 4-year-old she milked 104.8 lbs. in a day.

King Wandaga Friend carries the blood of Hengerveld De Kol, King Segis and King of the Pontiacs and he is yours for $500.00.

DO NOT WAIT WRITE TODAY

Ward W. Stevens Liverpool, N. Y.

THERE IS BUT ONE!



Sir Pietertje Ormsby Mercedes 41st

HIS FIRST ONE A 1000-LB. 4-YEAR-OLD

You may look where you will—weigh all of the claims that may be said in favor of the great strains of the breed, but if you will come back close to the blood of Sir Pietertje Ormsby Mercedes and that great cow, Spring Brook Bess Burke, you will find you have about all you want.

And there is but one so close to them both—that one is **Sir Pietertje Ormsby Mercedes 41st.** He is the only son of these two famous animals. Sir Pietertje Ormsby Mercedes 41st has more 1000-lb. sisters than any other sire ever had. His own first daughter to finish her year has made over 1000 lbs. as a four-year-old. Old Sir Piet with his fourteen and old Spring Brook Bess Burke with her three above 1000 lbs. prove pretty conclusively "it's in the blood."

Why go down the stream when you can as well drink at the fountain?

F. J. SOUTHCOTT, Mgr. **DOUSMAN, WIS.**

GUSTAVE PABST FARMS

The Blood of Champions Back of This Bull

King Model Fayne Pride

Born Dec. 21, 1920

This is a son of our King Model, who has a good list of record daughters up to 30 lbs. He is from the famous Mabel Segis Korndyke, foundation cow of the Bell herd, she the first 40-lb. heifer and from the world champion for both 7 and 30 days. King Model is siring a wonderful lot of offspring and judging from the way his daughters have started out he should live up to his wonderful pedigree.

The dam of this bull has the following records:

At 4 years—

Butter 7 days	22.17
Milk	590.2
Butter 30 days	90.59
Milk	2122.5
Butter 60 days	175.
Milk	4185.7

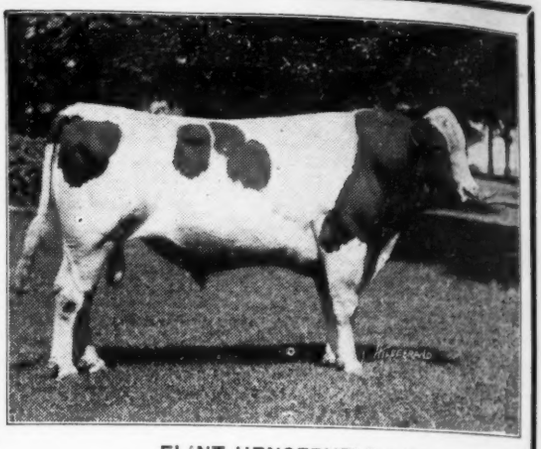
The dam is a daughter of Finderne Pride Fayne, whose dam, Finderne Pride Johanna Rue, is the highest year record cow living for butter production. Two daughters of Finderne Pride Fayne have made over 1000 lbs. in a year and his 7-day daughters include those with records up to over 37 lbs. as four year-year-olds. The second dam of this calf has a 7-day record of 25.41 lbs. of butter and over 100 lbs. in 30 days as a senior three-year-old.

The calf is a very fine individual from a cow with excellent type and conformation. He traces four times to King Segis, as well as to Johanna Rue 3d's Lad and Hengerveld De Kol.

The price is far less than you might believe.

Bloomingdale Farms

Somerville, New Jersey



FLINT HENGERVELD LAD

HERD SIRES

AT THE

Pontiac State Hospital

Pontiac, Michigan

Sir Clothilde Concordia. Sire: Sir Fayne Concordia, 27 A. R. O. daughters, three above 30 lbs. Dam: Ona Clothilde De Kol 2d, combines four direct generations of 1000-lb. cows with nearly 25,000 lbs. milk, also three direct generations of 30-lb. cows. Her long time record is 1044.45 lbs. butter from 25,449.6 lbs. milk.

Flint Hengerveld Lad. Sire: Johan Judge Hengerveld. 10 A. R. O. daughters. Dam: Flint Bertjusca Pauline No. 175817, (World's Champion 2-year-old for 30 days, milk 2496, butter 93.49) has one 33.1-lb. butter record, one 31.23-lb. and one 28.5-lb. in 7 days, three 30-day records of135.5 lbs., 123.08 lbs., and 116.86 lbs. topped off with a 305-day record of 1007.76 lbs. butter from 21,419 lbs. milk as a senior 4-year-old. She has three sisters with records above 30 lbs. in 7 days, one of which has produced 1063.28 lbs. butter from 26,773.9 lbs. milk in 302 days.

Beets Walker. A bull with a fine list of A. R. O. daughters including Pontiac Irene, World's Champion Senior two-year-old, 7-day butter and milk producer in the eight-months-after-calving division and yearly producer of 1102 lbs. butter.

Sire: Admiral Walker Pietertje with 60 A. R. O. daughters, six above 30 lbs. Dam: Duchess Manor Beets Aaggie De Kol 2d has a 365-day record of 641.97 lbs. butter from 15,952.9 lbs. milk at 3½ years. She a daughter of King Walker who is from a member of one of the three only combination of four direct generations of 30-lb. cows.

Do you want a "Pontiac" in your herd? Our herd numbers 168 of which 80 are in milk. All born on these premises. Bull calves for sale.

SIR CLOTHILDE CONCORDIA

THE STORY OF ALEX

(Lothian King De Kol Korndyke)

"The Bull that Upset the Dope"

CHAPTER XXIX

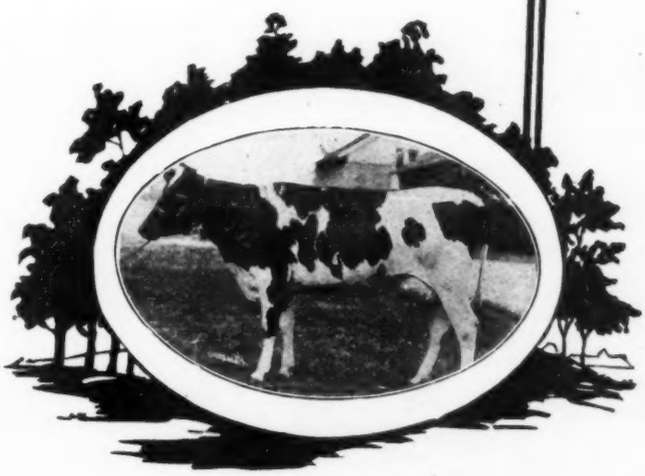
AMONG the splendid records recently reported for daughters of Lothian King De Kol Korndyke is a 21,000-lb. record for Queen Pontiac Lothian whose record was used in the computation in some of the preceding chapters.

While this record has not been officially reported by the Advanced Registry office Queen Pontiac Lothian has, according to our figures, **21,092.1 lbs. milk containing about 800 lbs.** butter at the age of two years, five months. It will be remembered that in some of the previous chapters her production was given for her first 331 days as 19,526 lbs. so we see that she averaged over 46 lbs. a day for her last 34 days. That, by the way, is one of the outstanding characteristics of the daughters of Alex—they are the "all the year round" kind.

The picture of this wonderful young heifer which appears on this page is entirely inadequate as an indication of her quality. It is not quite clear enough to show in all its details the splendid net work of veins—really unusual on a two-year-old heifer, for this picture was taken when she was some months along on her two-year-old lactation. Be sure and note the square, level udder and the fine clean cut dairy type head and neck so typical of the daughters of Alex. She also has the Alex withers—fine, but not lacking in constitution with all her quality.

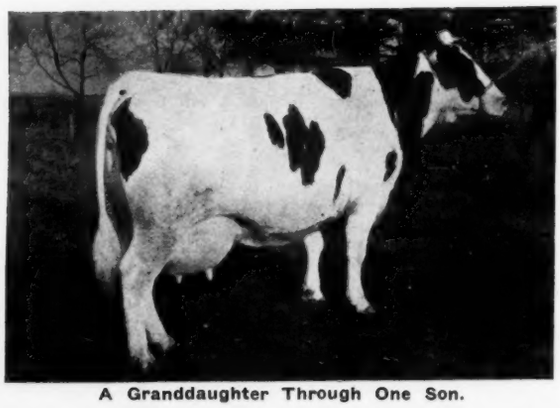
This daughter of Alex is line bred her dam being a granddaughter of Pietertje Hengerveld Sir Korndyke who is, of course, the famous sire of Alex himself. Her wonderful production and excellent type show what the result is when these lines of breeding are doubled up in an intelligent manner.

Like all the daughters of Alex she is due shortly by King Ona Pontiac, our 30,000-lb. junior herd sire, when she will be started upon another test.

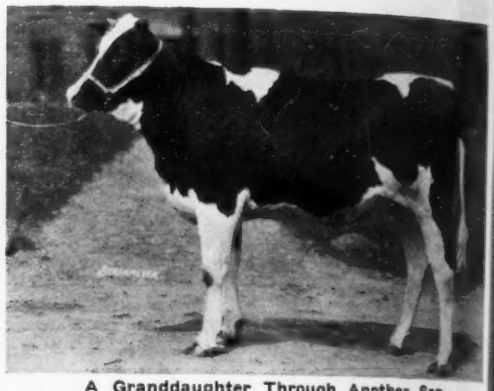


F. M. OSBORNE, Jr. Willoughby, Ohio

These Pictures Help To T
The Value of Her Blood

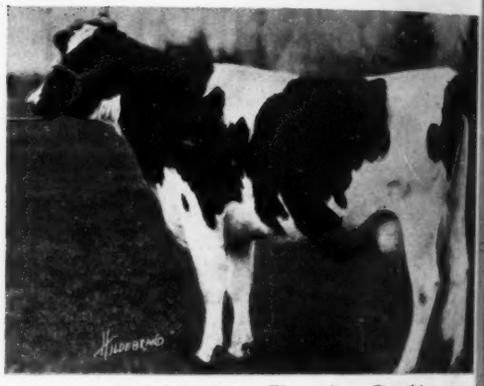


A Granddaughter Through One Son.



A Granddaughter Through Another Son.

A Granddaughter Through a Daughter.



A Granddaughter Through a Daughter.

THESE pictures help to tell more than words of ours the value of the blood of Spring Bro Bess Burke 2d.

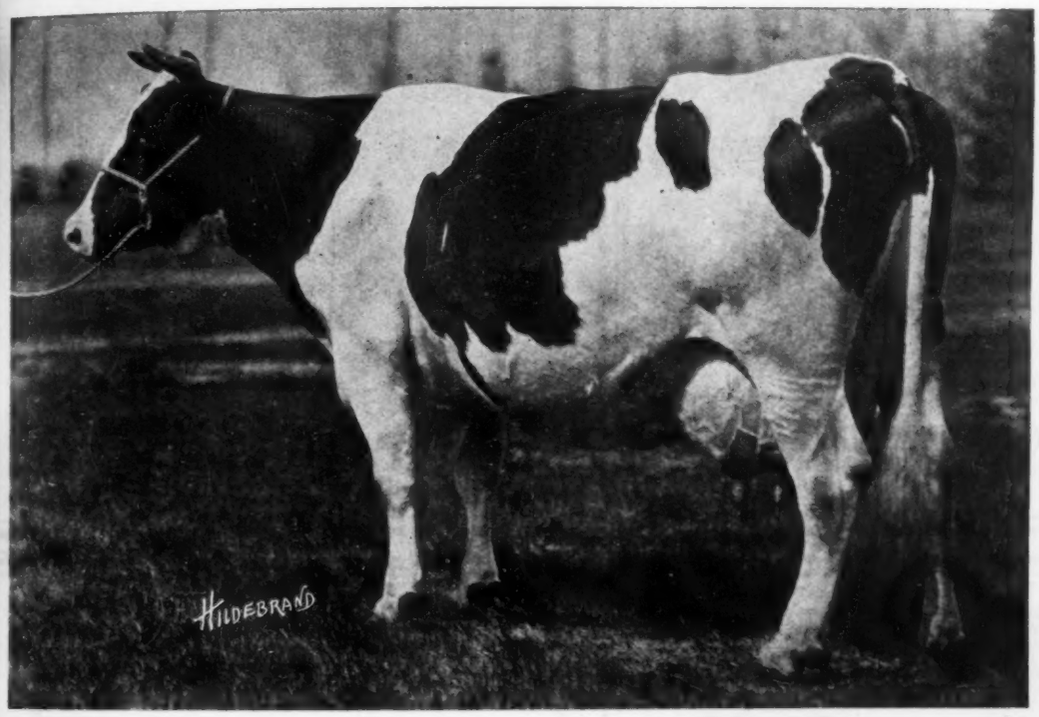
They help to tell the story because they are not taken collectively as the get of one of h sons, but represent her prepotency through both her sons and her daughters. If you will no carefully she has stamped these granddaughters through the many channels with her own cha acteristics. No other evidence could be more convincing.

SPRING BROOK BESS BURKE SECOND
THE STANDARD OF VALUE

We know then as individuals and are comm to rest their production as a background setting

The first nine granddaughters of one of her sons to finish their year records averaged over 800 lbs. butter and over 18,000 lbs. milk. Two of these granddaughters average over 900 lbs. butter and over 22,000 lbs. milk. One of her granddaughters, the greatest dairy cow in the

SPRING BROOK BESS BURKE 2D



world, is also the Wisconsin state champion 29-lb. first calf two-year-old. A happy combination of uniform and persistent production with superior individual conformation is making for the Spring Brook Bess Burke 2d family a name that will mark it a leader in the years to come.

All that is ideal is theirs. To head your herd with her grandson means the bringing of satisfaction that comes through the use of Spring Brook Bess Burke 2d blood in the way of producing more perfect and better-producing cattle.

The big four sons of Spring Brook Bess Burke 2d head the herds of breeders aiming to produce Holsteins with the characteristics of this famous cow.

Creator
Owned by
PABST STOCK FARMS
Oconomowoc, Wis.
(Waukesha County)

King of the Ormsbys
Owned by
ALLAMUCHY FARMS,
Allamuchy, N. J.
WINTERTHUR FARMS,
Winterthur, Del.

Sir Pietertje Ormsby Mercedes 37th
Owned by
E. C. SCHROEDER FARMS,
Moorhead, Minn.

Winterthur Bess Burke Best
Owned by
WINTERTHUR FARMS,
Winterthur, Del.

A K. K. S. V. Bull

King Korndyke Sadie Vale

His Son

King Korndyke Daisy Hengerveld

Heads Our Herd
From a 26-lb. S. V. H. Dam

We have a young bull, more white than black, sired by King Korndyke Daisy Hengerveld from S. V. H. Hartog Ormsby with 23 lbs. as a jnior 2-year-old after having dropped twin calves. She has just made 26.34 lbs. She is a fine large cow with a perfect udder and we expect she will cross the 30-lb. mark.

Sire of this calf is King Korndyke Sadie Vale, from one of the good daughters of Sir Veeman Hengerveld.

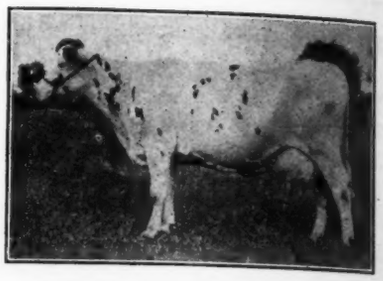
Let us send you his pedigree.

FLOCK BREWING CO.

Williamsport Pa.

Champion Milk Producer

of New England



Dodge Farm Bernice

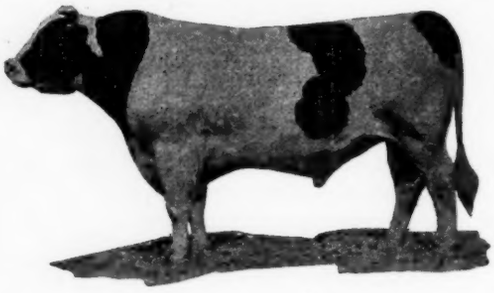
Milk	1 day	119.2
Milk	7 days	796.1
Milk	365 days	24044.8

This cow averaged to produce over 108 lbs. milk a day for a month and is now completing her third year record, producing 935 lbs. butter and 24044.8 lbs. milk. She is the foundation cow of the leading three generation group of Connecticut. All of this family are great cows and these with many others are in calf to

Maplecrest Farsedo Butterboy

Let us quote you on bull calves.

Dodge Farm Washington, Conn.



Iowana Sir Ollie

(114797)

9 A. R. O. Daughters

Those having finished yearly records are

	Age		Butter	Milk
Walcowis Ollie Moole	2-0-20	365 d.	1010.6	21,569.7
Walcowis Ollie Watson	2-2-20	365 d.	715 91	14,810.9
Walcowis Ollie Watson	3-3-22	305 d.	774.7	16,163.5
	C. C. 164 days			
Walcowis Ollie Rose	2-0-18	305 d.	651.15	15,859.0
	C. C. 199 days			
Walcowis Ollie Inka	2 -1-28	365 d.	725.73	18,454.6
Walcowis Ollie Netherland	1-11-27	365 d.	601.2	13,762.5

Bull calves born since Sept. 1920 from yearly record dams for sale. They have noticeable type and should improve herds.

N. DICKINSON & SON

WALCOWIS FARMS LAKE GENEVA, WIS.

Bred Righ — Priced Moderately

KING KORNDYKE ORPHIA SEGIS

Born May 5, 1920, straight, well grown, desirable son of our Senior Sire.

He is by King Korndyke Fannie Veeman, son of King Korndyke Sadie Vale from a 30-lb. daughter of Sir Veeman Hengerveld. A very successful show sire and sire of some very promising daughters in this herd—all of them will be developed.

The dam is a granddaughter of Maartje Colantha Johanna, a 32-lb. daughter of Colantha Johanna Lad. Her dam is a 26-lb. cow by a brother to the great King Segis and to four cows above 30 lbs. The third dam has produced 2 A. R. O. daughters, one with almost 700 lbs. milk.

$600 Buys this bull, crated and placed f. o. b. our station. His value will increase very materially within a short time.

Gardiner Hall, Jr. & Co.

SO. WILLINGTON, CONN.

Herd Under Federal Supervision.

THE BLOOD THAT PRODUCES CHAMPIONS

SEGIS—ORMSBY—JOHANNA

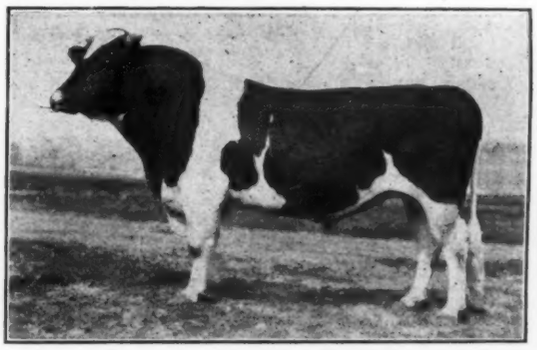
Represented in our two herd sires

Terracelawn Hengerveld Segis

Seventeen of his daughters average 25.52 lbs. butter in 7 days and all have made their records within a year. Fourteen of his daughters are now in year test. His first daughter to complete her semi-official test has made 830 lbs. butter and 18,000 lbs. milk in ten months.

Terracelawn Hengerveld Segis sired the first prize get of sire at the last National.

This bull is by Pietertje Hengerveld Segis, a century son of the famous King Segis, a grandson of the foundation cow, Segis. His dam is daughter of Hengerveld De Kol.



King Bess Johanna Ormsby

that has an average of 35.84 lbs. for his seven nearest dams in 7 days and 1060 lbs. in a year. His sire is King Korndyke Colantha 4th's Johanna, former world champion long distance cow, she a direct descendant of both Colantha and Johanna.

His dam, also a granddaughter of "Mother Ormsby," is the only cow that has made three 37-lb. records and is also the only cow that has completed two 1000-lb. ten months records. During her best seven days she made 40.74 bs. as a 4-year-old, her dam the only four times 1000 lb. cow with a two times 1000-lb. daugnter, is in turn from the only 1000-lb. cow with three 1000-lb. daughters.

YOUNG BULLS OF THIS BREEDING

Sired by King Bess Johanna Ormsby from daughters of Terracelawn Hengerveld Segis, which gives you the ideal combination of breeding and of the best lines. They are high class individuals and should please the most critical.

MEADOW LANE FARM

"A Herd Strong in Yearly Records"

AITKEN BROS., Owners **Waukesha, Wisconsin**

Head Your Herd With This Show Bull

Bred for Production in Every Line

King Genista Homestead

BORN DECEMBER 23, 1918.

Won second in class at Kansas National, 1920. His full brother was Junior Champion at the same show, and also won first at three state fairs—placed at National and Cattle Congress.

Sire

Canary Paul Fobes Homestead

Kansas' leading A. R. O. sire with over 50 A. R. O. daughters, records up to 32 lbs.

He is a son of the former World's champion junior 4-year-old, Jessie Fobes Bessie Homestead, who was the first cow to make three records averaging over 34 lbs. His sons head many leading herds including the Moscrip herd in Minnesota.

Dam, Genista 3rd

At 10 Years:

Butter 7 days	25 lbs.
Milk	672 lbs.
Best day's milk	102 lbs.
Butter 365 days	734 lbs.
Milk	18000 lbs.

Milked 3 times a day for six months, balance of year twice a day.

Dam of Genista Knoll De Kol, who holds six Kansas State Records including milk 1 day, 7 days, 30 days and 305 days. Produced 126.8 lbs. in a day and 815 lbs. in a week.

His dam and her daughter are the only dam and daughter in Kansas each with over 100 lbs. milk in a day.

THREE-FOURTHS WHITE—READY FOR SERVICE

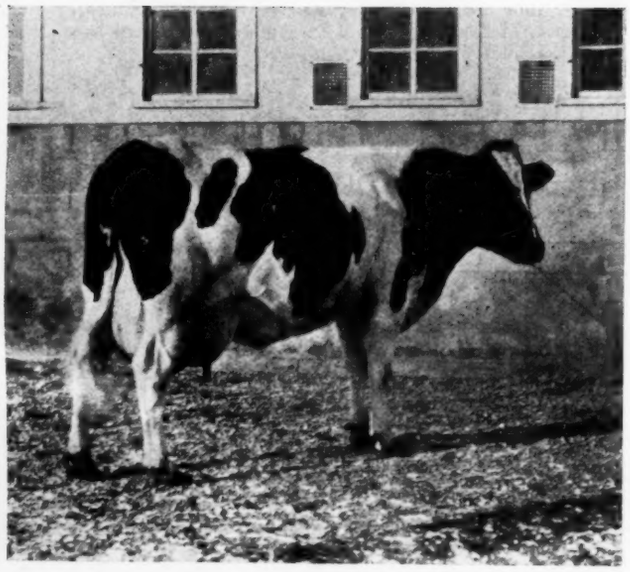
Price $1000

STUBBS FARM COMPANY

(Under Federal Supervision)

MARK ABILDGAARD, Manager **Mulvane, Kansas**

The Dam of King Flint



FLINT BERTJUSCA PAULINE

Age	Butter	Milk
2 yr.	19.21	413.3
2½ yr.	28.52	590.1
3½ yr.	31.33	640.7
4½ yr.	33.11	723.4
305 da.	1007.76	21,419.0

His Dam is

FLINT BERTJUSCA PAULINE

Who Has Made
Four Heifer Records
At 2, 2½, 3½ and 4½ years.
Averaging
Butter .....28.04 Milk 591.9
Both World's Records
For Four Heifer Records

Her Full Sister is a 30,000-lb. Cow
And Another Full Sister
Has 34 lbs. in 7 days.

The Sire of
KING FLINT
is from a 1200-lb. daughter
of a 1200-lb. cow.

WE HAVE SONS OF KING FLINT
FROM GOOD RECORD DAMS

G. L. SPILLANE & SON CO.

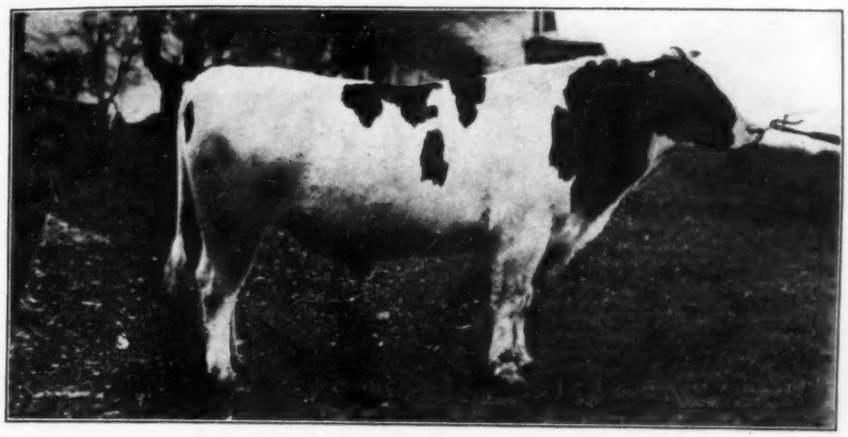
Clio, Mich.

WALTER T. HILL

Davison, Mich.

Joint owners of KING FLINT

When They All Make Good We Like Them Better



Sir Pietertje Ormsby Mercedes 40th

Sir Pietertje Ormsby Mercedes 40th IS NOT a wonder bull,—he is not a wonder bull in the sense that he "rides" on the glory of his dams or on his own glory without consideration of the performance of his ancestors.

But the pleasing combination of individuality and performance in all of his own daughters, in that of his sisters, his dams, and the offspring of his near relatives is what pleases us more than if one of his daughters should have happened to "splash over."

His own daughters, one of them over 20,000 lbs. and another over 17,000 lbs. milk in a year, both as two-year-olds, are making good. His dam was for a time the only Holstein cow with five consecutive year records. The four consecutive year production of his full sister is unsurpassed by any other cow of her age. His sire ties for number of 1000-lb. butter-producing daughters. Three of the daughters of his full sister's son each made over 20,000 lbs. in a year as two-year-olds. His ¾-sister is the world champion four-year-old for both milk and butter. A son of his ¾-sister has several daughters that have made over 800 lbs. in a year as two-year-olds. Several of his brothers have sired state and world champion daughters. It is the pleasing performance of all that strikes us more forcibly than does one great record. We are pleased. We wanted a secure foundation. We have it in Sir Pietertje Ormsby Mercedes 40th.

The man that builds on his blood will find the truth of this assertion in years to come.

LOEB FARMS

AT CHARLEVOIX, MICH.

HOLSTEIN CATTLE

BELGIAN HORSES

A Great Dutchland Bred Bull

Dutchland Colantha King

Rag Apple

Born March 16, 1919

Sire

Dutchland Colantha, a three-quarter brother to Dutchland Colantha Denver with 1315 lbs. butter in a year. His sire is Colantha Johanna Lad; his dam, Dutchland Pontiac Denver, a 25-lb. 4-year-old daughter of the great foundation cow, April Denver.

Dam

Dutchland Pietertje Rag Apple, has 29.80 lbs. butter from 526 lbs. milk as a senior 3-year-old also a ten months record of 691 lbs. butter as a senior 2-year-old, her sire, the famous Dutchland Sir Pietertje Hengerveld (son of Changeling) and her dam a 25-lb. daughter of Dutchland Sir Pontiac Rag Apple, from a 25-lb dam.

Bull is nicely colored, well grown and ready to head some great herd. His seven nearest dams average 28.79 lbs.

JABEZ SMITH & SON

Newark Valley, N. Y.

Waukesha

"County of Cows"

Buy Your Cattle There

Buy from Waukesha County breeders through her county association organized to promote for more and better cattle and to assist in their fair marketing.

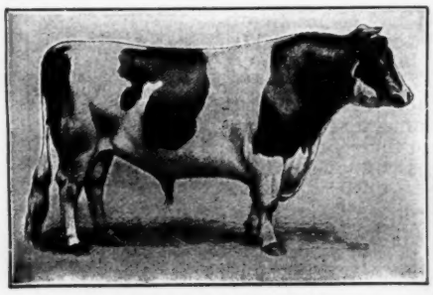
Fifty pure bred sires in this county are from dams with over 30 lbs. in 7 days and over 1000 lbs. in a year.

1307 long distance records were made on Waukesha County Holsteins during the year. More tuberculin tested cattle are in Waukesha County than in any other county in the world.

Buy through the County Association and you obtain service of men who devote their time to the Holstein industry. Save your time and get more for your money. Write us.

Waukesha County Holstein-Friesian Breeders' Ass'n

254 Broadway Waukesha, Wis.



COLANTHA JOHANNA LAD No. 32481

WORLD'S GREATEST PROVEN PRODUCING and TRANSMITTING SIRE

140 A. R. O. daughters. 26 above 30 lbs. of butter; 30 from 600 to 750 lbs. of milk in 7 days. One daughter made 1315 lbs. of butter from 25,400 lbs. of milk, another made 1082 lbs. of butter from 27625 lbs. of milk in a year, also ten daughters to average nearly 20,000 lbs. of milk in a year. His dam, Colantha 4th's Johanna made 1247 lbs. butter, 27432 lbs. milk in 1 year.

BULL CALVES

from our

Federal Tested Herd

AAGGIE CORNUCOPIA PAULINE No. 48426

34.32 lbs. butter from 659.20 lbs. milk 7d
137.60 lbs. butter from 2640.00 lbs. milk 30d
104.40 lbs. milk 1d

There are only four sets of four direct generations of 30-lb. dams in the world. She heads the first, third and fourth sets. Also heads three sets of three direct generations above 30 lbs. Three generations of 100 lbs. of milk day; four generations of 30 lbs. butter in 7 days. Five A. R. O. daughters, two over 30 lbs. One son with 108 A. R. O. daughters produced a cow that made 31,034 lbs.; a grandson produced World's Champion that made 31,334 lbs. of milk a year. 4.17% fat.

WORLD'S RECORDS WHEN MADE

This Bull Will Put You Right

Born Jan. 28, 1921. A double grandson of Colantha Johanna Lad, dam 27432 lbs. of milk in a year.

SIRE—King Rag Apple Aaggie Colantha. Dam made 41 lbs. of butter from 713 lbs. of milk in 7 days at four years old, on our farm.

DAM—Colantha Butterfly Johanna, 30.04 lbs butter in 7 days, 20,778 lbs. of milk in 325 days. A daughter of Colantha Johanna Lad.

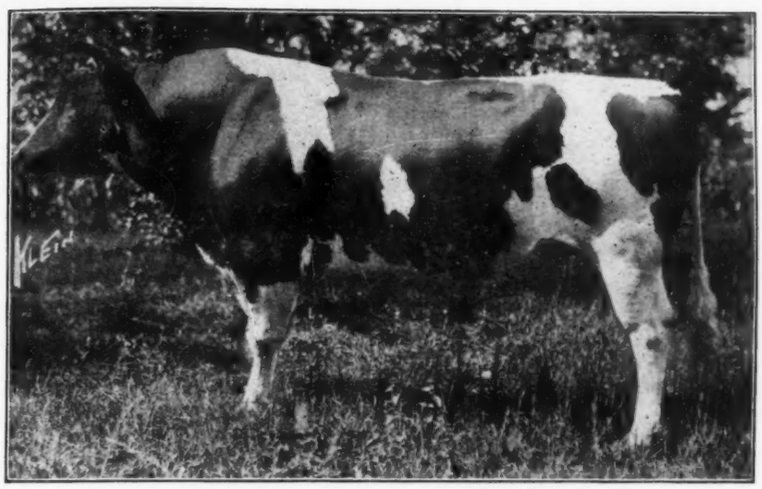
NOTED FIELD HERD

Owned By

D. W. FIELD FARM CO. Oak Street Montello, Mass.

The Blood That Made the Champion

Bulls of this Breeding For Sale



KING WALKER JOHANNA LAD

There is a marked relationship between King Walker Johanna Lad and the new world champion and only 37,000-lb. cow.

In fact, they are bred in almost identically the same lines.

The dam of Segis Pietertje Prospect is by a son of Beauty Pietertje. The dam of the sire of King Walker Johanna Lad is also by a son of Beauty Pietertje.

The dam of Segis Pietertje Prospect is from a daughter of Buttercup Clothilde Pietertje. The dam of the sire of King Walker Johanna Lad is also from a daughter of Buttercup Clothilde Pietertje.

King Walker Johanna Lad has eighteen record daughters, eight of which have made from 20 to 26 lbs. For the year 1920 he ranked fifth among the leading sires of the breed, all of them in competition in short time test. His total number of daughters averaged 19.97 lbs. butter and 405 lbs. milk at an average age of 2 years and 5 months. King Walker Johanna Lad is the sire of the New England junior champion two-year-old with her record of 26.22 lbs. of butter. More than 60 of his choice daughters are in our herd for future development.

We have three very Choice Sons of his as follows:

No. 1—From a 21-lb. 3-year-old; calf is full brother to a 25-lb. 3-year-old that has just completed a 305-day test. Price $150.

No. 2—From a 21-lb. 4-year-old grandam of a 27-lb. 4-year-old, one of our foundation cows. One of the best individuals in New England. Bull is two-thirds white. Individually superb. Price $250.

No. 3—From Thirza Olive, our great old foundation cow that has just finished a year record of 830 lbs. butter and 20919 lbs. milk. She is now in her twelfth year. Five of her daughters are in our herd. Price $500.

SUMMIT FARMS

DAVIDSON, MAINE

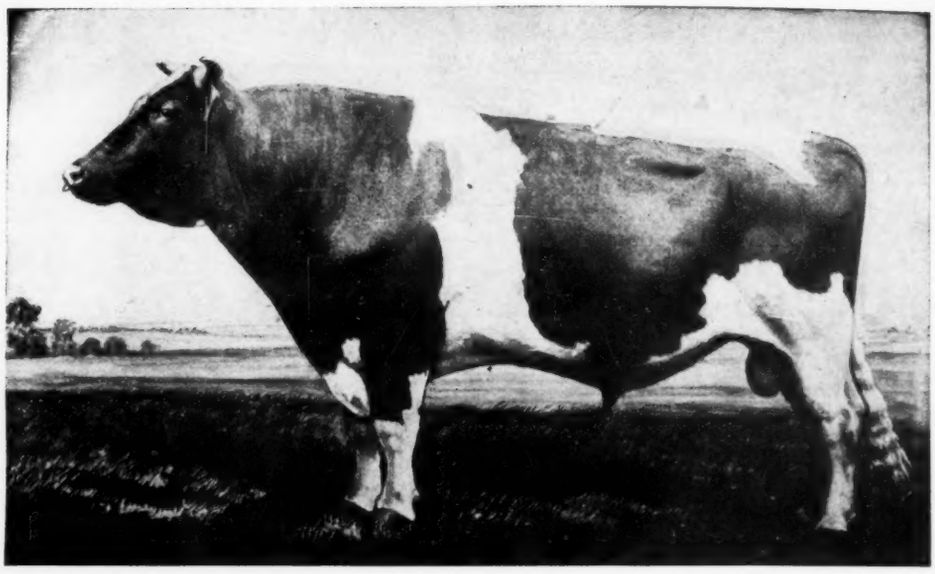
We have tested annually since we have been in the business without a single reactor.

Five Leading Year Record Daughters

of

Sir Pietertje Ormsby Mercedes

In Each of the Age Divisions



"The World's Greatest Sire of Show Ring Winners and Yearly Producers"

Full-Aged Cows

Name	Age	Milk	Butter
Colantha Pietertje Lass	6y 2m	25,226.20	1,265.75
Bess Pietertje Ormsby Mercedes	5y 1m	29,053.20	1,235.33
Bess Burke Ormsby	5y 1m	26,044.70	1,164.13
Ormsby Buffalo Mercedes	6y 2m	22,800.00	1,164.00
Queen Piebe Ormsby Mercedes	7y 4m	24,489.10	1,127.36

Senior Four-Year-Olds

Dinah Pauline Clothilde Ormsby	4y 6m	24,078.10	1,146.01
Queen Piebe Ormsby Mercedes	4y 11m	24,123.20	1,136.01
Glen Canary De Kol 3d, 305 days	4y 11m	17,442.30	752.80
Pietertje Homestead Ormsby	4y 7m	15,838.00	740.32
		305 days	
Ormsby Lass Pietertje Mercedes	4y 10m	11,474.80	521.81

Junior Four-Year-Olds

Queen Piebe Mercedes	4y 4m	30,230.20	1,389.45
Glen Canary De Kol 2d	4y 5m	25,590.60	1,323.36
Chloe Pietertje Ormsby	4y 4m	21,127.10	1,149.86
Bess Johanna Ormsby 305 days	4y 0m	21,380.50	1,043.65
Colantha Pietertje Lass	4y 4m	19,921.60	1,023.68

Senior Three-Year-Olds

Queen Ormsby Pietertje	3y 6m	21,302.30	993.22
Bess Ormsby Burke	3y 9m	22,715.80	853.53
Aaggie Wayne Peep 2d	3y 7m	19,212.20	803.36
Glen Canary De Kol 3d	3y 6m	18,499.20	786.87
Minita Clyde Pietertje Ormsby	3y 11m	17,435.10	774.41

Junior Three-Year-Olds

Chloe Pietertje Ormsby	3y 1m	20,253.30	1,067.38
Queen Piebe Ormsby Mercedes	3y 4m	20,286.60	952.08
Colantha Pietertje Lass	3y 1m	18,160.00	942.35
Bess Pietertje Ormsby Mercedes	3y 3m	21,245.00	939.90
Bess Mercedes Ormsby	3y 2m	17,929.70	830.95

Senior Two-Year-Olds

Queen Piebe Mercedes	2y 10m	20,825.20	980.21
Miss Pietertje Colantha Ormsby	2y 9m	18,452.90	940.16
Lizzie Pietertje Ormsby	2y 8m	20,055.20	922.75
Bess Johanna Pietertje Ormsby	2y 6m	17,801.30	881.96
Jennie Pietertje Ormsby	2y 6m	20,249.40	751.52

Junior Two-Year-Olds

Glen Canary De Kol 2d	2y 0m	17,584.20	951.08
Bess Burke Ormsby	2y 4m	17,935.70	856.46
Belle Hazeltine Ormsby	1y 10m	17,744.10	809.43
Chloe Petertje Ormsby	1y 11m	15,783.10	801.13
Fytje Pietertje Ormsby Mercedes	2y 0m	18,431.70	783.35

E. C. SCHROEDER FARMS

(Federal Accredited Herd)

MOORHEAD **MINNESOTA**

Holstein-Friesian World

Vol. XVIII Lacona, N. Y., and Syracuse, N. Y., April 23, 1921 No. 17

The Story of "Bess Burke 2d"

BY WM. A. PRESCOTT

A YEAR or so ago it was the writer's pleasure to outline for the readers of the **World** the outstanding accomplishments of the Spring Brook Bess Burke family. Since that time various members of this great family have made so many significant contributions to Holstein history that an entirely new story could be written about the Bess Burke. In this story, however, the writer has limited himself to a discussion of that branch of the family founded by Spring Brook Bess Burke 2d, the oldest daughter of "the greatest mother of the breed."

Spring Brook Bess Burke 2d was known for some years as the largest dairy cow in the world having tipped the beam at 2,225 pounds. This weight has since been exceeded by her granddaughter, Wisconsin Fobes 5th, but according to the best of our knowledge no other dairy cow has ever been reported with a greater weight. Although losing this honor to her granddaughter, there are several other honors which Bess Burke 2d still holds. She is the only cow with four 1000-lb. records made in connection with four 7-day records above 30 lbs. each. She is the only cow with three 1000-lb. records made in connection with 7-day records above 35 lbs. each. Except for her daughter she is the only cow with two 1000-lb. records made in connection with 7-day records above 36 lbs.

The picture of Bess Burke 2d shown above has appeared in print a great many times and is doubtless familiar to most readers of the **World**. It is, however, worthy of careful study. With all her great size, Spring Brook Bess Burke 2d sacrifices neither type, quality nor dairy temperament. From her beautiful, broad muzzle to her splendid, capacious udder, Bess Burke 2d is a thing of beauty, which a perfectly straight top line, rump as square as a brick, strong heart and deep wide body.

The list of records which we publish with her picture is also worthy of a little study. Note that she has made six short time records averaging 29.44 lbs. butter from 612.6 lbs. milk and six long time records averaging 914.5 lbs. butter from 19,443.1 lbs. milk. She did not, apparently develop as early as some cows for her records at two and three years, especially in long test, are very ordinary. Since reaching maturity, however, Spring Brook Bess Burke 2d has freshened four times and has never made a 7-day record less than 30 lbs. nor a year record less than 1000 lbs. Her five best records which include, of course, her junior three-year-old record average better than 1000 lbs. butter from 20,000 lbs. milk. She is the only cow of the breed, with one exception, to make four 1000-lb. records and, as we have said, she is the only cow to make the four 1000-lb. records in connection with four 30-lb. records of butter in 7 days.

The Sons of Bess Burke 2d

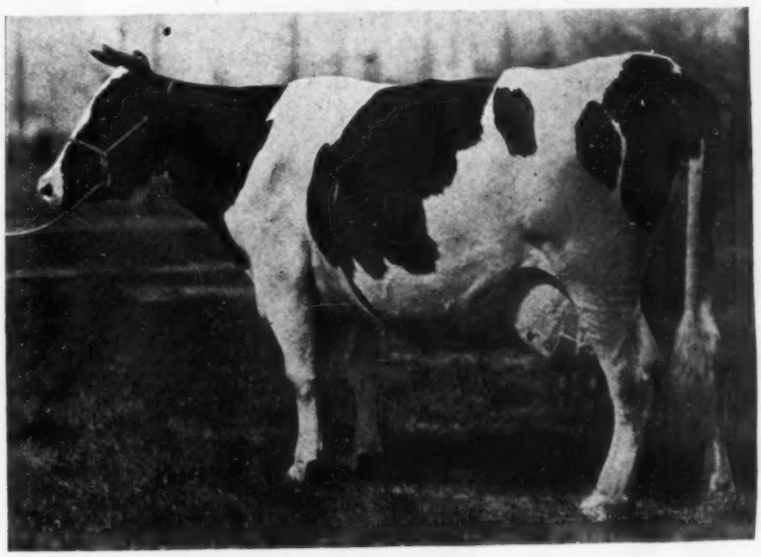
Spring Brook Bess Burke 2d has six living offspring,

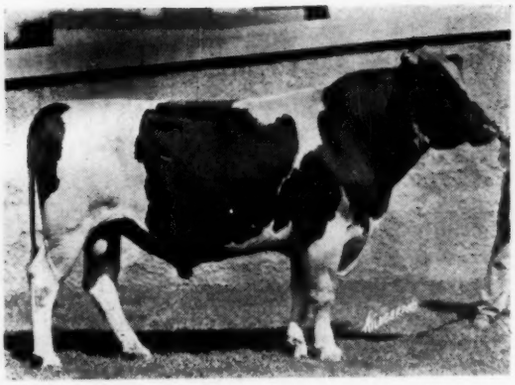
SPRING BROOK BESS BURKE 2D

Her Lifetime Production

Age	7 days Butter	7 days Milk	365 days Butter	365 days Milk
10 yr. 1 mo.	30.22	688.6	1053.98	23,161.6
8 yr. 1 mo.	35.94	593.5	1290.91	24,918.1
6 yr. 3 mo.	38.23	792.3	1034.33	21,552.9
5 yr. 1 mo.	36.12	736.1	1044.91	23,340.1
3 yr. 1 mo.	22.33	515.4	616.09	13,607.6
2 yr. 1 mo.	13.78	349.8	445.74	10,078.0
Average	29.44	612.6	914.5	19,443.05

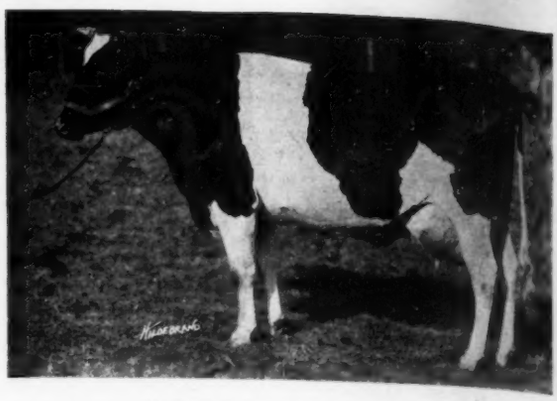
Bred by G. L. Miller, Northfield, Minn. Owned for six years by E. C. Schroeder, Moorhead, Minn. Now owned by Winterthur Farms, Winterthur, Del.





KING OF THE ORMSBYS

One of the most promising sons of Spring Brook Bess Burke 2d, sired by Sir Pietertje Ormsby Mercedes. Bred by E. C. Schroeder Farms and purchased to head the Winterthur and Allamuchy herds. Here he is being mated with some of the greatest females of the breed, including his own dam and his full sister.



BESS JOHANNA ORMSBY

The only cow with three records above 37 lbs. in 7 days or two above 1000 lbs. in 305 days.

Her Complete Records

	Short Time Butter	Short Time Milk	Long Time Butter	Long Time Milk
6 yr.	38.25	652.8	Now on test	
5 yr.	37.45	703.7	1036.92	21518.9 (305)
4 yr.	40.74	657.6	1043.65	21390.5 (305)
2½ yr.	25.90	452.4	881.96	17301.3 (305)
Averages	35.59	616.6	987.51	20233.6

four males and two females. All except her youngest son are sired by Sir Pietertje Ormsby Mercedes, the youngest son being sired by her own son, King of the Ormsbys, who of course, is, himself, a son of Old Sir Piet.

Her oldest son is Sir Pietertje Ormsby Mercedes 37th, who stood for some time in the herd of John Erickson in Wisconsin and who is now one of the leading herd sires at E. C. Schroeder Farms, Moorhead, Minnesota. An interest in him is also owned by O. J. Grover and T. H. Skrei of Glyndon, Minnesota. Among his good record daughters we find one with 36.87 lbs. as a senior three-year-old and also a 35-lb. senior four-year-old. Another daughter has twice made a 30-lb. heifer record, once as a junior three -year-old and once as a four-year-old. A fourth daughter with 29.68 lbs. is the Wisconsin state champion first calf two-year-old and another with 27.91 lbs. is the Wisconsin state champion junior two-year-old, while other two-year-old daughters have records up to 28 lbs. In long test the daughters of 37th have made records up to 1072 lbs. as junior three-year-olds and up to 911 as junior two-year-olds, with many more large records still to be reported.

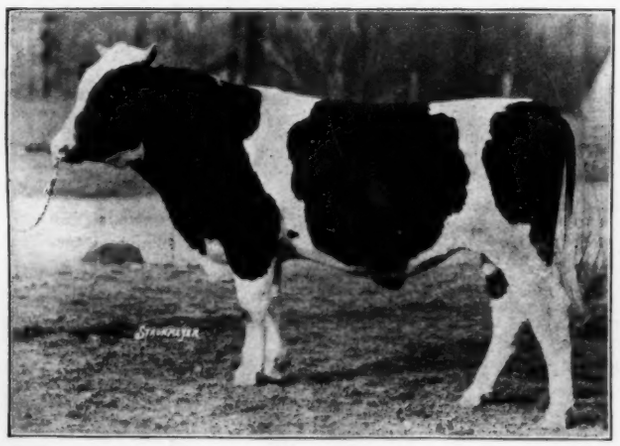
Both the sons and the daughters of Sir Piet 37th are noted for their individuality, one son in particular, Sir Pietertje Ormsby Fobes owned by Spencer Penrose in Colorado and Sam Carpenter in Kansas having been grand champion at the Kansas National, the National Western and the Colorado State Fair. Another son famous for his individuality although with not so sensational a show record is Sir Bess Ormsby Fobes, junior herd sire at Gustave Pabst Farms in Wisconsin.

The second son of Bess Burke 2d is King of the Ormsbys, who was purchased in the winter of 1917.18 by Winterthur Farms, Winterthur, Delaware, and Allamuchy Farms, Allamuchy, New Jersey. He has a wonderful lot of young daughters just about ready to freshen and is sure ot make a name for himself that will add to the prestige of the Spring Brook Bess Burke 2d family.

The management of Winterthur Farms, who are the present owners of Bess Burke 2d, tried the experiment of breeding her to her own son, King of the Ormsbys, the result being her last son, Winterthur Bess Burke Best. This bull is not a yearling and his individuality can be judged from his picture. Ordinarily the practice of breeding a cow to her own son would probably be considered questionable but in this case the result seemed to have been very satisfactory—probably more so than would have been the case had either of the parents of the resulting offspring had any outstanding weakness.

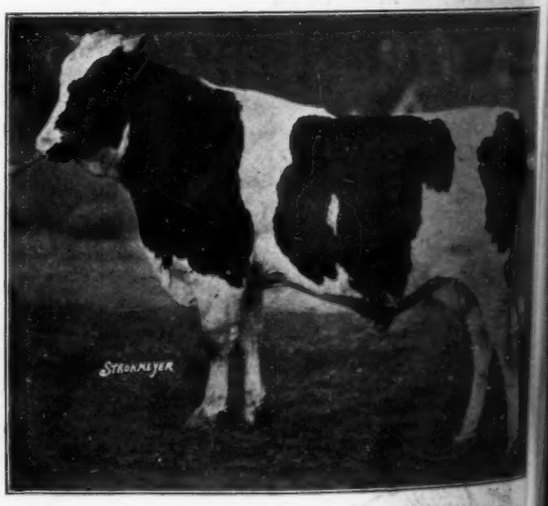
The other son of Spring Brook Bess Burke 2d is Creator, owned by Pabst Stock Farms in Wisconsin. Creator is now just three years old and judging from the quality of his get is surely one of the coming sires. His sons have sold in public sales for as high as $20,000 and cow bred to him has sold in public sale for $30,000. These four sons of Bess Burke 2d are all in hands where they are being pushed

(Continued on page 30)



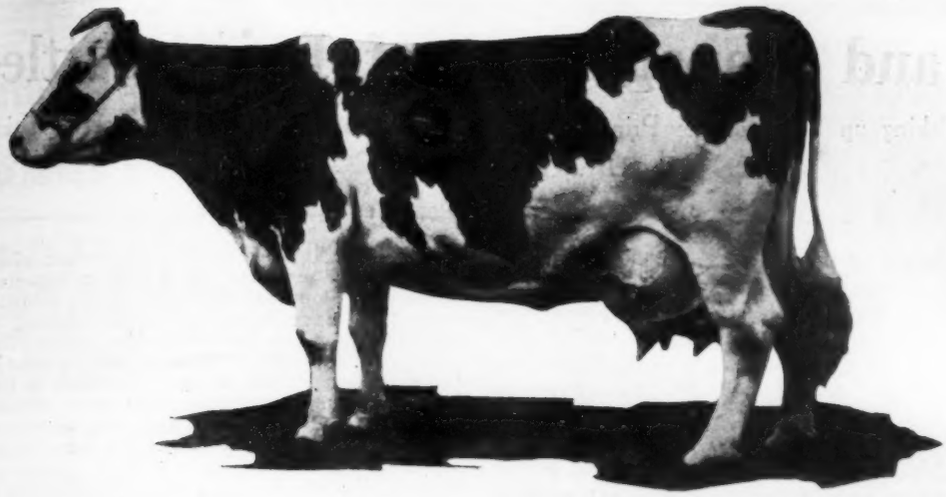
WINTERTHUR BESS BURKE BEST

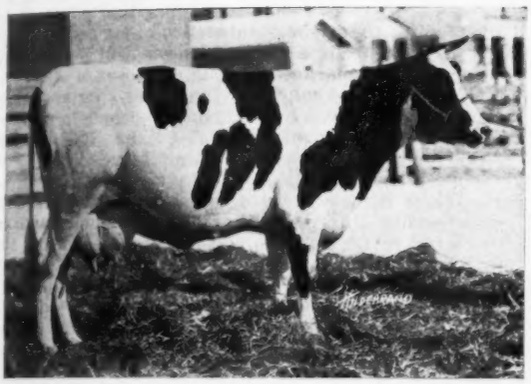
A son of Spring Brook Bess Burke 2d sired by her own son, King of the Ormsbys. Here are two examples of successful inbreeding. Bred and owned by Winterthur Farms, Winterthur, Delaware.

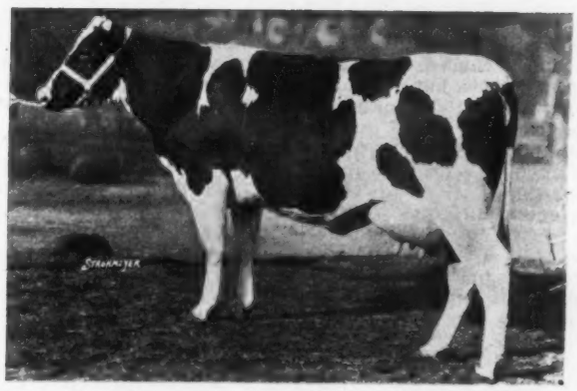


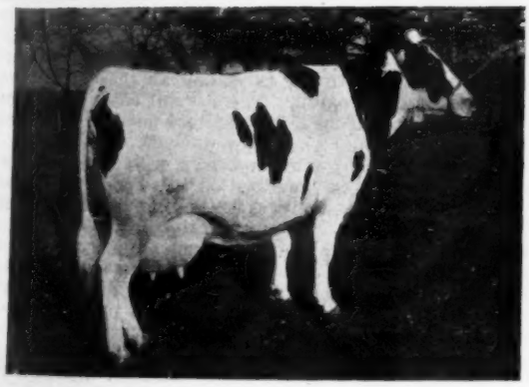
WINTERTHUR BESS BURKE BOAST

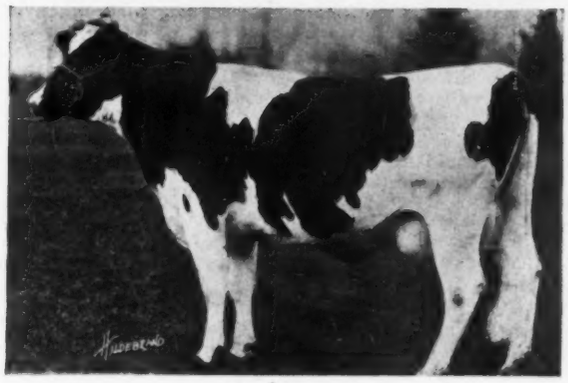
Yearling son of Bess Johanna Ormsby sired by her full brother King of the Ormsbys. Bred and owned by Winterthur Farms, Winterthur, Delaware.

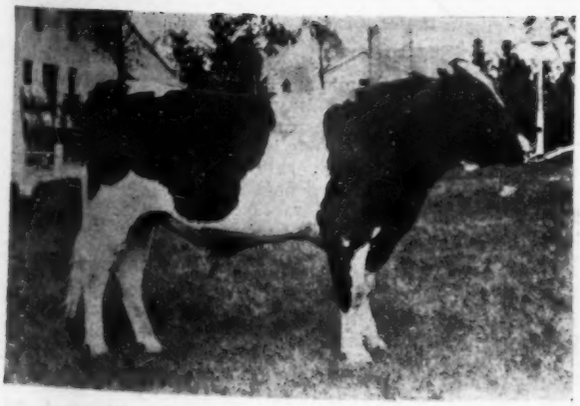












THE PICTURES

Top

SPRING BROOK BESS BURKE

The Fountain Head of Bess Burke greatness. She is a 1000-lb. cow with three 1100-lb. daughters. Next—Four granddaughters of Spring Brook Bess Burke 2d.

Upper Left

PRINCESS COLANTHA ORMSBY JEWEL

A typical daughter of Sir Pietertje Ormsby Mercedes 37th.

Upper Right

WINTERTHUR ORMSBY MONETA KORNDYKE

One of the good daughters of King of the Ormsbys.

Lower Left

WISCONSIN FOBES 5th

A daughter of Sir Piet 37th. Believed to be the largest dairy cow in the world.

Lower Right

BESS ORMSBY FYTJE

A daughter of Bess Mercedes Ormsby, who was Bess Burke 2d's first calf.

Bottom

CREATOR

A son of Spring Brook Bess Burke 2d and Sir P. O. M. In service at Pabst Stock Farm.

Care and Management of Dairy Cattle—II.

Taking up Some of the Primary Causes of Disease and the Elements of Sanitation

By DR. GEORGE H. CONN

(Copyright 1921 by the author)

Causes of Disease in Cattle

THE causes of disease in cattle can be placed in two classes; those that are directly responsible for the disease, and which are known as "exciting" or "direct" causes of disease; the other class are those that are directly responsible for disease and they are known as "predisposing" or "indirect" causes. The following are some of the more common predisposing causes of disease in cattle; poorly ventilated barns, unsanitary surroundings, lack of exercise, faulty rations, and weakened constitutions, due to faulty conformation. Under the exciting or direct causes we may find such as injuries, overfeeding, improper feeding, disease germs, etc. Some authorities make still another classification and they term this class "specific" causes, and under this we have the various disease germs, but they are really direct or exciting causes.

If we could eliminate Tuberculosis and contagious abortion from the list of cattle diseases we would have eliminated about 90% of our trouble as far as diseases go. These are under the class of preventable diseases, but they have gained so much headway that it cannot be hoped that we can get them under control without many years of effort. Breeders and cattle owners have not as a rule realized the possible danger from such diseases and the loss that their spread means to the industry as a unit. Cattle are able to resist more infections than some of our other domestic animals and are not as susceptible to disease as many of them are.

The Nature of Cattle

Cattle have many anatomical pecularities; they take large quantities of feed into the stomach or paunch soon after it has been moistened slightly with saliva; here it is stored until the animal's appetite is satisfied and then it is taken to the mouth again where it is thoroughly chewed and made ready and suitable for digestion. Domestication has greatly changed the habits of the cow and this makes cattle very liable to some of the diseases to which they otherwise would not be susceptible; such diseases as contagious abortion, milk fever and the like would never have been heard of if we had not subjected our bovine population to domestication by man.

Cattle have the ability to eat many foods that could not be eaten by any of our other animals with the exception of swine; cattle have been fed all manner of feed with very little or no inconvenience, but there can be no question but that this is an unwise practice and one that frequently endangers the life of the animal. The feeding of mouldy or spoiled feed, frozen feeds, fermented distillery slops, and many other feeds have been practiced with cows; this is particularly true around cities where there is little or no dairy inspection.

The Feeding of Dairy Cattle

The mineral requirement of dairy cattle is one of the problems in feeding that is giving us the greatest concern at this time. Very little is known as to just what results are to be expected when cattle get a ration deficient in mineral elements; we do know that in many sections of the country and in certain seasons the crops do not contain the same percentage of minerals that they do in other seasons and other years. We have evidence indicating that many of the irregularities that we have formerly attributed to other causes may be more or less the result of rations lacking some of the mineral elements. However, the greater portion of the mineral elements in the vegetable are found in the stalks and leaves of the plant and as a large portion of the dairy cattle feed is of this nature they will possibly never suffer to the extent that animals will whose feed is largely grain. Experiments have demonstrated that some of the feeds we at one time thought were sufficient for cattle are not capable of maintaining the adult and her unborn young.

One of the most important discoveries that has been made in the feeding world for many years was made in cattle feeding trials. It was the discovery of the Vitamine content or the Accessory food substances, as they are sometimes called. Vitamines or accessory substances are simply those substances found in certain plants, fruits and certain other products which play an important part in the growth, development and health of the animal body. These Vitamines have never yet been isolated, and for that reason no one can tell what they are or of what they are composed; however, they have been grouped in the three classes, namely "Fat Soluble A" which is found in yellow corn, carrots, alfalfa, and red clover; "Water Soluble B" which is found in seeds and also in leafy vegetables such as cabbage, beets, turnips and the like; "Water Soluble C" which is found in alfalfa, red clover and in rape.

The "Fat Soluble A" is the Vitamine that is responsible for growth and animals that do not have sufficient of this in their ration develop an eye condition that can only be cured by feeding them some substances that contain this; if "Water Soluble B" is absent a disease will be produced that is of a nervous character; while the absence of "Water Soluble C" produces a condition that somewhat resembles scurvy, a disease formerly common in people who lived on the same diet for a great length of time. It is possible that the absence of feeds containing these elements in sufficient quantities may be indirectly a contributing cause for some of our diseases. In actual tests with young pigs a very noticeable difference is apparent in the growth of those receiving rations rich in some of these elements, and those that received rations deficient in them. It is a question just how much of this may affect the feeding of dairy cattle for the bulk of their feed comes from the class of feeds in which these substances are usually found.

Inherited Weaknesses

Cattle are subject to inherited weaknesses just as are other animals. These weaknesses are constitutional which are brought about by a faulty conformation of the regions that provide space for the vital organs; animals with shallow chests and that do not have enough lung and heart space are not likely to be as strong as those that have ample space in this region. The normal chest of the cow is not as wide as it is in a beef animal but it is long from top to bottom.

The breeding of animals for heavy milk production has resulted in a weakened constitution in some cases, as too little attention has been given the conformation and vigor of the animal.

The cow is one animal that performs an unusual amount of work, which may be the cause of many conditions that we have not looked upon as being the result of such cause; the cow is, while secreting large quantities of milk, in addition usually carrying a calf for many months during the lactation period; this makes the work that she is called upon to do very much more difficult than most animals have to do.

Agents Used To Assist With Sanitation

Disinfectants and antiseptics are materials that are used to destroy or render disease producing germs harmless or incapable of producing disease. Of late years much use has been made of disinfectants in waging warfare against many of the more common animal diseases. For this reason it is well that the owner and breeder of dairy cattle should understand the comparative value and the best methods by which he may apply agencies that are employed for this purpose. An understanding of the common disinfectants and the methods by which they are best made use of will enable the operator to secure more specific action and will give more satisfactory results, than the method that is commonly employed, which is really a hit or miss method which too often failed to accomplish the purpose for which it was intended.

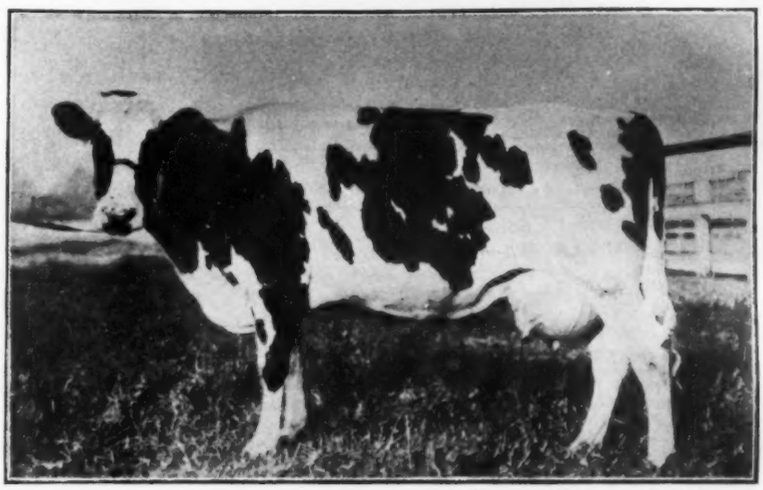
The agents used are very numerous and are widely different in character; sunlight, which is the cheapest of them all, and which is also the easiest to use of any of them is one of the best; heat is another and this may be employed in the form of moist heat or steam or in the form of dry heat or flame. These have their limitations, as it is not often that steam can be used for there is no available means for producing it in sufficient quantities and the flame can only be used where there are no inflamable substances. Either of them are very good and when they can

(Continued on page 86)

Picture Gallery

A 28,000-Lb. Producer

A 30-lb. cow that had made over 1,000 lbs. a year is Ourvilla Creamelle Colantha Emma, owned by the Carnation Stock Farms. Calving at 4 years, 7 months, 22 days old she made 564 lbs. milk, 30.70 lbs. butter in 7 days. She has recently completed a year record of 28,535.8 lbs. milk, 1069 lbs. butter, thus making good in both the short time and long time divisions. She was bred by S. W. Warner and is a daughter of Dutchland Creamelle Boy and Ourvilla Colantha Emma, a 24-lb. daughter of Dutchland Colantha Sir Clothilde.

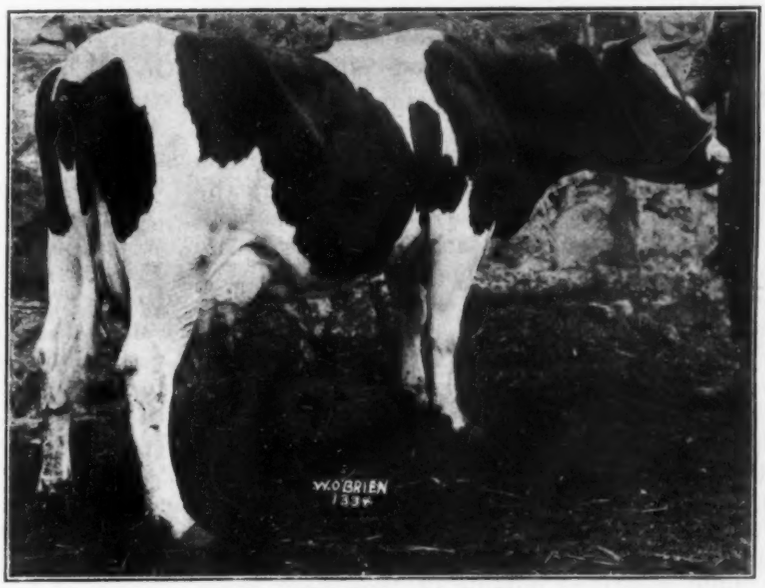


OURVILLA CREAMELLE COLANTHA EMMA

Wisconsin World Champion

Ryanbe Burke, 317504, holds the world's record for junior 3-year-old in the 305-day division. She produced 19314.8 lbs. milk, 806.51 lbs. butter in the 305 days, and carried a calf 160 days of this time. She calved at the age of three years, two months and thirteen days, and when fresh made a 7-day record of 522.3 lbs. milk, 21.70 lbs. butter. Since she made her long time record she has again freshened, this time as a junior 4-year-old and has made a seven day record of 26.42 lbs. butter, 554.6 lbs. milk.

She is a daughter of King Segis Pontiac Pledge, and the 29-lb. cow, Grace De Kol Netherland Burke 2d,, who herself made 615 lbs. milk in a week. Ryanbe Burke was bred, developed and is owned by E. A. Benson & Son, of Dousman, Wis., owners of the Ryanbe herd.



RYANBE BURKE

Minnesota's Milk Champion

The present champion of Minnesota for milk production is Neeltje Mercedes De Kol Homeland, No. 274016, owned by the P. Frost Spaulding Farm Co., of Warren, Minn. This cow was born April 1, 1914, and is a Minnesota product, having been bred by Marcus Knuth of Austin. She is a daughter of Homeland Sarcastic Sir, and her dam is Mercedes De Kol Neeltje. She first freshened at 25 months old, and at that time made official records of 450.7 lbs. milk, 18.96 lbs. butter in 7 days; 1881.4 lbs. milk, 77.90 lbs. butter in 30 days. She was given a 7-day test 255 days after freshening at which time she made 314.9 lbs. milk, 14.67 lbs. butter. Her present records are made in her 6-year-old form. Her butter records are 33.38 lbs. for seven days, 133.79 lbs. for 30 days, and 266.97 lbs. for 60 days. Her tremendous milk records are 866 lbs. in seven days, 3622.1 lbs. in thirty days and 7,003.8 lbs. in sixty days, which are all Minnesota state records.

NEELTJE MERCEDES DE KOL HOMELAND

Holstein-Friesian World

"The Newspaper of the Breed"

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Editor
M. S. PRESCOTT, Syracuse, N. Y.

Associate Editors
P. B. MISNER, Syracuse, N. Y.
G. H. TRUCKNELL, Syracuse, N. Y.
W. A. PRESCOTT, Syracuse, N. Y.

Business Manager
F. T. PRICE, Syracuse, N. Y.

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April 23, 1921

New York Corporation Law Amended

ON APRIL 12 the New York State Legislature passed a bill amending the Membership Corporations Law of the state which specifically gives to membership corporations having in excess of one thousand members the right to hold meetings and transact business in any state in which they have members. The purpose of this bill was merely to clear up a technicality that has been under discussion in relation to the original law. Authorities in five different states have held that membership corporations organized not for profit were not confined to the state of their domicile, that is, to the state in which they were incorporated, for holding their annual meetings. No less an authority than Judge Nathan L. Miller, now governor of New York State, has maintained that the Holstein-Friesian Association of America could legally hold meetings outside of New York State under the former law. Other lawyers have maintained that such meetings outside the state were illegal and in definitely clearing up the question, it was the purpose of this amendment to make it impossible for anyone who might feel aggrieved by an Association to hold it up in the courts by raising a question as to the validity of its acts taken at meetings outside of New York State. A case in point is the present litigation which Oliver Cabana, Jr. brought against the Holstein-Friesian Association. Whether the original law in its technical interpretation permitted meetings outside New York State or not, the fact remains that it has been and is the wish of a very great majority of the members of the Association that the meetings be held alternately east and west, in fact this action was unanimous at the time this proposition was originally adopted. The wisdom of this course of action has been reflected in the growth of the Association since 1914 when the present plan was put into operation and is sufficient evidence that the plan is sound and has operated in the interests of harmony within the Association.

It will come as a surprise to most of the members to learn that this amendment to the Membership Corporations Law, clearly designed to make plain this point in such a manner that technical argument could not in future cause embarrassment to the functioning of any membership corporation, should have met with opposition from any source within the Holstein-Friesian Association. It appears to us that the opposition to this bill was of greater significance than the bill itself. In view of the present relation of Oliver Cabana, Jr. with the National Association it would not have been surprising for his representatives to have made an effort to defeat the passage of this bill. That former members of the Board of Directors of the National Association and present officers of the New York Holstein-Friesian Association should lend themselves to Cabana's purposes by working actively against the proposition is as unexpected as we are sure it is distasteful to every loyal member of the Association. The position of A. L. Brockway and W. A. Mattison, who pulled every wire they could to bring about defeat of this measure can be classed in the same category as the separate answer which they interposed against the National Association in connection with the Cabana case a year and a half ago. Why President Bigler and Secretary Zimmer, who took the same attitude, in the present instance, endeavored to throw the weight of influence of the New York Holstein-Friesian Association against the bills is not apparent, although the question does suggest itself as to whether the same influences that were responsible for the overturn at the state meeting in Rochester last January were also a factor in the present situation. It will be recalled, of course, that Mr. Bigler has both publicly and privately on occasion expressed his sympathy for Oliver Cabana, Jr., in his action against the Association but we cannot figure that as justification for their course. So far as we can learn, the Board of Directors of the State Association did not authorize any such position on the part of the Association and we are confident that the membership would repudiate that action overwhelmingly. The argument by which these men seek to justify their course is based on the narrow grounds that the proposed amendment was designed to pave the way for a National Home for the Holstein-Friesian Association of America in the West and to give control of the Association and its finances to the breeders of the West. That there was nothing in the bill to warrant this position is shown by a reading of its wording on another page of this issue. Members of the National Association in New York State should bear in mind the fact that rather than achieving this purpose the bill in reality operates to conserve the Holstein-Friesian Association of America as a New York State Corporation. If it had been held that it was illegal to hold meetings in other sections of the country, steps undoubtedly would have been taken in the very near future to secure the reincorporation of the Holstein-Friesian Association in some other State whose laws would have specifically permitted the

desires of the membership in this regard to be carried out. In fact it may be remembered that President Aitken at St. Paul made the suggestion that such action be taken, provided the New York Legislature did not take steps to clear up the situation.

Actions speak louder than words. With one of the most important meetings of the Holstein-Friesian Association of America coming on within the next six weeks, a meeting at which vital matters of future Association policy are to be determined, it appeals to us as highly essential that the membership should be in possession of these facts which have such an important bearing on the existing situation. The **World** has no desire to engage in a controversy of a personal nature but there are times when plain speaking is necessary and it appeals to us that this is one of them.

Concerning Public Sales

Editor The World:

TO BETTER the Holstein sale industry is a commendable aim and with you I am interested in seeing it accomplished. But while public sale improvement in matters of honesty and fair-dealing may be expected to result from educational effort, public sale improvement in respect to the individuality of entries offered for sale can be brought about only by the slow process of breed-improvement, because the kind of animals that are being bred will be the kind to go through the sale-ring. It is a good thing to hold sales from which undesirable individuals are debarred. Such sales help to establish proper standards and so help to promote breed-improvement; but we must not conclude when we debar inferior animals from certain sales that the number of undesirable animals to go through the sale-ring is thereby reduced. The public sale is and will continue to be the market-place for a large proportion of the cattle that change owners. Therefore, the only way we can improve that market-place as an institution is by improving the general average of the breed.

For a dozen years our main business has consisted largely of affording sale service wherever needed. In the most of the sales that we are called upon to conduct—herd-dispersals, Holstein club consignment sales and others—the selection of the entries and the determination of sale policies are matters that are entirely out of our hands. Our position is not different from yours as publisher of a breed paper. It is necessary that both you and ourselves, if we fulfill our mission as public servants in the Holstein field, render as effective sale service as possible for every reputable owner who wants to sell, you by means of your advertising space and we by means of pedigree, publicity, and sale-management. Emphasis is to be placed on that word reputable, for you in accepting the advertising copy and we in accepting the sale work must be guided by the reputation and standing of the seller. Further than this we cannot be respectors of persons, and if the seller is believed to be all right we cannot refuse him sale service any more than you can refuse him advertising space. The point is that both you and we must continue to afford sale service for all kinds of Holsteins, good, bad and indifferent, just as long as you keep on publishing the **World** and we hold to th slogan of "Sales anywhere anytime"—until and unless the time shall come when there will be no more bad and indifferent animals to sell. The coming of that time is being hastened undoubtedly by the work you are doing in preaching the gospel of better cattle. The same gospel is being proclaimed in every worthy exhibit of show animals and in such great sales of outstanding individuals as the recent Brentwood event and the National Dairymen's Sale at Chicago last October. We as sale managers can help by fixing proper standards for entries in the sales of our own promoting, and by means of advance inspection making sure that undesirable individuals are debarred. The latter precaution was not followed in the case of The 1921 Sale, as it was believed that the judgment of the various consignors could be relied upon, a belief, as it proved, not fully justified in every instance, though among so many animals—259 in all—it might have been expected that some would fail to measure up to requirements. Incidentally it may be remarked that the unusual number of buyers in this sale, of which there were sixty-one, indicates an active, present-day interest in the Holstein industry; and it may be added that a little better than a two hundred dollar average for 175 of the animals sold, few having A. R. O. records and with $505.00 as the highest price paid, points to a fair exchange of values between seller and buyer. Nevertheless, it is clear that in order to make sure of a high average of individual quality in any sale, careful personal inspection of entries in advance is quite necessary.

Pulaski, N. Y., April 9, 1921. E. M. HASTINGS.

The Cover

SIR PIETERTJE Ormsby Mercedes 37th, our cover subject this week, is one of the very greatest present day proven sires. From a standpoint of breeding, individuality and production and individuality of his offspring this bull, at a most conservative estimate, ranks among the two or three greatest sires in service today.

It seems unnecessary to introduce 37th to readers of the **World**, he being well known as a son of Sir Pietertje Ormsby Mercedes and Spring Brook Bess Burke 2d. His dam is the only cow to make four 1000-lb. records in connection with four 7-day records above 30 lbs. or three 1000-lb. records in connection with three 7-day records above 35 lbs. She was known for some years as the largest dairy cow in the world—recently yielding that honor to a daughter of 37th and in addition to her great size is one of the most perfect individuals of the breed.

The Bess Burke size and individuality have apparently been transmitted to 37th as he is one of the largest sons of old Sir Piet as well as one of the typiest.

In both long and short time test the daughters of 37th have made most astonishing records and its is believed that even better records are coming. He has a junior 3-year-old daughter with 1,072 lbs. butter from 23,360 lbs. milk, a junior 2-year-old with 911 lbs. butter from 20,800 lbs. milk and another 2-year-old with just a small fraction of a pound under 900 lbs. butter from 19,885 lbs. milk, with many more long time records in progress. In short test he has a 36.87-lb. senior 3-year-old and a 35-lb. senior 4-year-old heading his list, none of his daughters having as yet been tested as mature cows. The same heifer we have mentioned is having a 1000-lb. junior 3-year-old record made 30 lbs. in 7 days at the same age and came back after completing her 1000-lb. record with another 30-lb. record in 4-year-old form. She is now on year test and is expected to increase her 3-year-old figures. Another daughter is the Wisconsin state champion 2-year-old with first calf having a record of 29.68 lbs. and still another daughter is Wisconsin state champion, junior 2-year-old with 27.91 lbs. while other 2-year-olds have records as high as 28 lbs.

Last but not least we call attention to the individuality of the offspring of Sir Piet 37th. He has a son, Sir Pietertje Ormsby Fobes, who has been grand champion at such important shows as the Kansas National at Wichita, the Western National at Denver and the Colorado state fair. He has another son, Sir Bess Ormsby Fobes, heading the Gustave Pabst farm in Wisconsin who is known as one of the most perfect individuals of the breed. Elsewhere in this issue we show pictures of a few of his daughters and we feel safe in saying that more perfect individuals would be hard to find. His daughter, Wisconsin Fobes 5th, who is the 29-lb. 2-year-old referred to above is known as the world's largest dairy cow while her individuality could hardly be improved.

Sir Piet 37th was born in December, 1912 at the E. C. Schroeder farms in Minnesota, where he was bred. The early years of his life was passed in the herd of John Erickson & Son of Wisconsin where many of his best record daughters were bred as well as some of his best individual sons. He was recently re-purchased by the E. C. Schroeder Farms an interest also going to O. J. Grover and T. H. Skrei, neighbors of Mr. Schroeder who won and operate two of the best little herds in the state.

In addition to the great producers that are being mated with 37th in these three herds several outstanding cows are being shipped in to secure his services—as many in fact as his owners care to take. When a sire is truly great, opportunity is all he needs and we can be assured that Sir Pietertje Ormsby Mercedes 37th and his dauhters, present and prospective, will be given every opportunity during the coming years.

RECORDS OF THE WEEK

Name	Age	Length	Milk	Butter
Appleton Fair 2d		7 da.	548.5	29.42
Owned by W. H. Steffenson, Appleton, Wis.				
Loyalsock Sadie Vale Creag	2 yr.	7 da.	465.5	23.41
Owned by Flock Bros., Williamsport, Pa.				
Idlewilde Johanna Weg	4 yr.	7 da.	696.4	32.02
		30 da.	2870.7	128.8
Owned by Jos. H. Brewer, Grand Rapids, Mich.				
Blanche Canary Pietertje Rosewood		7 da.	751.9	34.
		30 da.	2943.	136.73
Owned by Jos. H. Brewer, Grand Rapids, Mich.				
Star of Wilson		7 da.	600.5	30.33
Owned by John P. Brill, Jr., Sheboygan, Wis.				
Pietje Johanna King Hengerveld		7 da.	746.6	33.99
		30 da.	3010.8	141.51
Owned by Conrad Hecht, Frankenmuth, Mich.				

Two Over 30 lb. For Brewer

A couple of good records have been made in the herd of Joseph H. Brewer, Grand Rapids, Michigan. The 4-year-old, Idlewild Johanna Weg, made 32.02 lbs. butter from 696.4 lbs. milk in seven days, and in 30 days made 128.8 lbs. butter, 2870.7 lbs. milk. The 30-day production is a new high mark for a 4-year-old in Michigan, and the 30-day butter record is very close to the top, lacking only a few hundredths of a pound of the present high mark. The mature cow, Blanche Canary Pietertje Rosewood, made 34 lbs. butter, 751.7 lbs. milk in 7 days, 136.73 lbs. butter, 2943 lbs. milk in 30 days. Her best day's milk was 112 lbs. Both of these cows were raised on the Brewer farm, which now has six cows that have each made over 30 lbs. butter in seven days official test.

The milk from the Brewer dairy is used in the city of Grand Rapids. Blythewood Farms produces certified milk, milking machines are used, the milk is bottled mechanically and every possible care is taken to insure the customer clean milk with the result that the city milk inspector has found the bacterial count remarkably low.

31-lb. For Minnesota Cow

Queen Johanna Walker, No. 376700, has made a 7-day record of 586.3 lbs. milk in the herd of Asa B. Knapp of Northfield, Minn. Her milk averaged 4.238 per cent and her 7-day butter record is 31.06. She is a daughter of Crown Prince Walker and Belle Aaggie Johanna.

Three More 20-lb. Daughters For Sir Inka Prilly Segis

You will be interested to know that three daughters of one of our herd bulls, Sir Inka Prilly Segis, have all recently passed the 20-lb. mark.

Winterthur Inka Prilly Segis Adohr freshened as a senior two-year-old, and made 20.02 lbs. butter and 383.9 lbs. milk. This heifer is from Rhoda Segis Beets, a 25-lb. daughter of King Segis Beets.

Winterthur Inka Prilly Segis Helen calved at 3 years and 23 days old, producing 20.52 lbs. butter and 430.3 lbs. milk. She is from May Flower Pontiac Helen, a 22-lb. 2-year-old granddaughter of King of the Pontiacs.

Winterthur Inka Prilly Segis Flory freshened at 2 years 9 months and 14 days old and made 20.35 lbs. butter and 373.1 lbs. milk. Her dam is an 18-lb. 2-year-old daughter of King Pontiac May Flower.

These heifers are all high class individuals, having the splendid udder development and straight top lines characteristic of the daughters of Sir Inka Prilly Segis. Sir Inka now has 56 A. R. O. daughters, and 24 daughters with semi-official records. These 24 average 674.1 lbs. butter and 16866.1 lbs. milk at an average of 3 years and 2 months. There are 16 additional daughters of this bull under long time test. As there are approximately 90 daughters of this bull in the Winterthur Farms herd, it is expected that within a few years he will have a very long list of semi-officially tested daughters.

Winterthur Farms.

Another 21,000-lb. 2-year-old For Alex

A telegram from F. M. Osborne, Jr., of Willoughby announces a third 21,000-lb. junior 2-year-old daughter for Lothian King De Kol Korndyke, otherwise known as Alex, the bull that upset the dope. This heifer is Queen Pontiac Lothian and her production, according to the owner's figures, is about 800 lbs. butter from 21,092.1 lbs. milk at two years five months of age. This is the same heifer for whom a record of a little better than 19,500 lbs. was reported for her first 431 days so she must have averaged pretty close to 50 lbs. a day for the last 2 months of her test. This makes Alex the only bull in the world to have three daughters with junior 2-year-old records above 21,000 lbs. milk in a year, as he has also a senior 2-year-old with better than 23,000 lbs. he is likewise the only sire with four 21,000-lb. 2-year-olds.

Minnesota Class Champion

Lizzie Pietertje Ormsby was shown in the Picture Gallery of the March 5th issue as being a prize winner that was also a producer. At the 1920 Minnesota State Fair she was the first prize 3-year-old and was a member of the first prize "get of sire." She made 20,055.2 lbs. milk, 924.5 lbs. butter in a year as senior 2-year-old, and was the first 2-year-old daughter of Sir Pietertje Ormsby Mercedes to make 900 lbs. butter in a year. She freshened again as a senior 3-year-old and made 36.05 lbs. butter, 625.4 lbs. milk in 7 days, becoming the Minnesota State Champion of her class for 7-day butter production, displacing Jewel Pontiac Segis. She is the dam of a young bull sired by Sir Pietertje Ormsby Mercedes 37th, and this youngster will be kept as the junior sire of Echoland Farm of White Bear, Minnesota, the great establishment owned by Dr. Egil Boeckmann, of which W. E. Cummer is manager.

Good Junior Two-Year-Olds

Harry C. Schutt of Middletown, N. Y., has just made a couple of real nice records on junior 2-year-old daughters of It King Polkadot, a son of It from K. P. Polkadot who was by King of the Pontiacs from the 31-lb. cow Alcartra Polkadot Ormsby. K. P. Polkadot is full sister to K. P. Alcartra, former world's champion for year production in the junior 2-year-old class, and also for 7 and 30 days as a senior 3-year-old. Itsome Calamity Polkadot at 26 mos. old made 18.74 lbs. butter, 385.1 lbs. milk in 7 days and 75.29 lbs. butter from 1673.9 lbs. milk in 30 days. An exceptionally creditable record was made by Itsome Alcartra Polkadot. This good heifer, calving at 26 mos. old, made 24.73 lbs. butter from 479.1 lbs. milk in 7 days. Continued for 30 days she made 95.62 lbs. butter, 1981.2 lbs. milk.

Stanislaus Piebe Laura Pontiac, a senior four-year-old, owned by R. B. Clapp of Neuvo, Colo., made 32.82 lbs. butter, 512.7 lbs. of milk in 7 days. She will be continued on year test. Her son is owned by Francis T. Underhill of Santa Barbara.

A CREATOR SON

In the Waukesha Sale, April 25-26

CREATOR—The Sire

This Creator Son from a daughter of King Pontiac Champion is one of the sale features. He is a three-fourths brother to the calf that sold for $20,000 a year ago.

The dam, Pabst Queen Minnie Sandes has 30.60 lbs. butter and is now on yearly work. Barring accidents she should make right at 1000 lbs. for the year.

REMEMBER—In this combination of breeding you get a large frame, individuality and pronounced production.

THIS BULL calf was picked by the committee as being one of the best opportunities for the man who wants real type and production combined.

Consigned By

PABST STOCK FARM

Oconomowoc **Wis.**

SPRING BROOK BESS BURKE SECOND ★ THE STANDARD OF VALUE ★

CLUB NOTES

(Secretaries of breeders' clubs are cordially invited to make use of this department in keeping their organization before the public. Send us the dates of your meetings for advance publication in the Calendar, and a complete report as soon as possible afterwards. This service is entirely gratis.)

Conventions and Meetings.

April 20—Fonda, N. Y., Montgomery Co. Assn. Banquet.
April 23—Greenfield, Mass., Hampshire-Franklin H. F. Breeders' Club.
May 3 and 4—Chicago, Ill., Congress Hotel, National Dairy Marketing conference.
May 13-14—Urbane, Ill., Horn and Hoof Club Spring Dairy Cattle Judging Contest.
June 1—Syracuse, N. Y., H. F. Assn. of America 35th Annual Meeting.
June 6—Montgomery, N. Y., Field Day, Beaver Dam Stock Farm.
August 13—Mt. Hermon, Mass., Hampshire-Franklin Field Day.
Oct. 8-15—St. Paul, Minn., 14th Annual National Dairy Show.
Nov. 5-12—Portland, Ore., 11th Annual Pacific-International Livestock Exposition.

LACKAWANNA BREEDERS HOLD ANNUAL MEETING

The Lackawanna County Holstein-Friesian Breeders' Club held their Annual Meeting in the Grange Hall, Clarks Summit, Pa., April 2, 1921.

After a few remarks by the President, Harry B. Miller, Dr. L. M. Thompson of Montrose, Susquehanna County, gave a very interesting talk regarding the business ethics that must be practiced by the breeders of purebred cattle if they wish to remain in the business and get the most out of it, both from a point of pleasure and financially. He gave a brief outline of the National Sale held at St. Paul, last June, as compared with the Second National Brentwood Sale held in Philadelphia. He stated that sales are a fine thing when run for the interest of the breed and the buying public. Five chief points were brought out by the speaker: 1st, Individuality; 2nd, Breeding; 3rd, Records; 4th, Health; 5th, Integrity of the Breeder. Dr. Thompson's remarks were very much to the point and were appreciated by everyone present.

A. S. Barnhart of Pennsylvania State College Extension Department reviewed the Boys' and Girls' Calf Club work, and said that the estimated value of their calves in the state was $67,000.00 and about $11.00 is spent on each member of the clubs in the United States by the various agricultural departments.

J. J. Jaquish of Wyoming County spoke comparing the breeders of regular cattle with the breeders of scrub cattle. He said in riding up to a man's farm you could readily distinguish the breeder of pure bred cattle from the fact that he would begin telling you what a wonderful herd of cattle he owns, how well they are growing, and how much they are producing; while in visiting a breeder of scrub cattle, he would immediately commence d——— the Telephone Company and the Supervisors of the roads, and have nothing whatever to say concerning his cattle or other farm enterprises. Mr. Jaquish reported that forty farmers in Wyoming County had signed up for State and Federal Supervision for the control of tuberculosis.

A motion was made, seconded, and carried that the Lackawanna County Holstein-Friesian Breeders' Club cooperate with the Wyoming County Holstein-Friesian Breeders' Club and request the authorities at Harrisburg to place an additional man in the field to devote his whole time to tuberculin testing in Wyoming and Lackawanna counties.

Dr. Howard C. Reynolds, Secretary of the Pennsylvania Federation of Holstein-Friesian clubs, briefly outlined a proposed meeting in Susquehanna County of the Pennsylvania Federation to be held on the Lathrop estate some time during the middle of June. The President was authorized to appoint a committee to co-operate with similar committees from adjoining counties with a view of making this meeting the greatest Holstein meeting ever held in this state.

After the literary program was completed, the matter of electing officers for the ensuing year was taken up. Upon a motion made, seconded, and carried, the old officers were re-elected with the exception of J. J. Ohearn who is no longer a breeder, and N. A. Wallace was elected on the Advisory Committee in his stead.

The meeting was well attended and a great amount of interest was manifested by everyone.

Robt. Winship, Sec'y.

THE WEEK AT BRATTLEBORO

For the week ended April 9, forty-one applications for membership were received at the office of the Secretary.

During the same period 2,792 certificates of registry were issued, 1,948 female, 844 male; 2,532 certificates of transfer were written, 1,702 female, 830 male.

The male recorded under No. 263558 has been changed from Kirkwood Prince Bertjusca to Prince Bertjusca.

The following prefixes were reserved during the week:
Beloit, John H. Lentell, Beloit, Wis.
Breezy Mead, Irving A. Tarbox, Buffalo, N. Y.
Elm Trail, S. E. McCorkle, Girard, Ohio.
Evergreen Slope, Louis Speltz, Altura, Minn.
Fre-Rus, George F. Haynes, Guys Mills, Pa.
Klemm, A. C. Klemm, Bear Creek, Wis.
Loamand View, C. S. Potter, Ogden, Utah.
Maple Tree, R. J. Kegley, Olympia, Wash.
Pebblebrook, A. M. Wilson, Cameron, Wis.
Serene, Lloyd Searl, Arpin, Wis.
Tuebor, Roy F. Fickies, Chesaning, Wash.
Woodcraft, Modern Woodmen Sanatorium for Tuberlosis, Woodmen, Colo.
Whittier, Whittier State School, Whittier, Calif.
Youknow, Arthur J. Delaney, Livonia, N. Y.

The Holstein-Friesian Association of America.

F. L. Houghton, Sec'y.

ORGANIZING IN WASHINGTON

Holstein-Friesian World:

I spent two pleasant days last week at Trout Lake, Wash., organizing a county club. Trout Lake is a small valley, lying at the foot of Mt. Adams, in the southern part of the state. There is an absolute lack of even good cattle, for what reason I cannot say, as all the necessary feed for dairying is raised here easily and cheaply. I was told that a man milking ten cows had a weekly check of under $4.50! This does not seem possible.

Farm work was just getting under way when I was there, yet about one hundred people came to hear me talk. F. A. Schnicke and Wm. A. Elmer are two live ones who are starting in with purebred Holsteins. Schnicke has two Hollywood Farm bred heifers. When they become fresh next winter, they will surprise the valley with their production. They are well grown and show that they have received good care. Mr. Elmer is starting in with a well bred young sire, and a very good grade cow purchased from Ed. Hoem of Snohomish. I believe Trout Lake Valley will soon be on the Holstein map.

F. S. Stimson,
President Washington State Holstein-Friesian Ass'n.

Tuberculosis eradication work is progressing rapidly with State and Federal authorities co-operating with the county Board of Supervisors which has hired an inspector. The County Farm Bureau meets part of local expenses. In the first six weeks over 500 herds containing over 6000 head have been tested with a percentage of re-actors under 2 per cent. This is a good start toward a clean county, and the work is speeding along with six inspectors on the job.

J. G. HAYS,
Secretary County Association.

Holstein business is picking up in good shape. During the past month three carloads of cows and two carloads of calves have been shipped out of the State from Livingston County.

The local Borden plant opened up March 15, after a six months' relapse.

KANSAS' FIRST 20,000-LB. 10-MONTHS COW

By R. B. Becker

The first twenty thousand pound milk record to be made in Kansas in the 305 day class was completed by Genista Knoll De Kol, a mature Holstein owned by Stubbs Farm Company at Mulvane. She completed a record which has been officially reported by the Holstein-Friesian Association to be 20,876.5 lbs. of milk and 579.86 lbs. of butterfat in 305 days, and during this time she was twice ill with milk fever.

Genista is a daughter of the bull Korndyke Butter Boy Jr., formerly owned by H. B. Cowles of Topeka. Within the past year three other very creditable records have been added to his list of semi-official record daughters. These include Daisy Netherland Onnis with a record of 20,208 lbs. of milk and 602.07 lbs. of fat, and Inka Parthenea Korndyke who produced 17,799.9 lbs. of milk and 507.77 lbs. of fat. Both these cows are owned by the Stubbs Farm Company. The fourth daughter to be reported is Corona Korndyke Juliana 2d, owned at Stillwater Oklahoma, where she produced 21,080.5 lbs. of milk and 656.02 lbs. of fat. These consistently high records mark this sire as one of the good Kansas Holstein bulls whose daughters surpass the production of their dams.

GENISTA KNOLL DE KOL

Kansas State Champion in 10 months division with 20,876 lbs. milk and 724.83 lbs. butter. A Kansas bred cow, developed and owned by Stubbs Farm Co., Mulvane, Kansas.

FLINT MAPLE CREST ONA TULA

World's Champion—for a few days—in long test for milk production by a heifer under two years old Her record of 17,674.4 lbs. milk and 810.53 lbs. butter is one of the best yearling records ever made. Bred and owned by D. D. Aitken, Flint, Mich.

RICHARDS WITH NORTHWEST DAIRYMAN

Guy MacL. Richards has taken the position of Editor of the Northwest Dairyman and Farmer. Mr. Richards is well known to the breeders of the Northwest having been a factor in the livestock development of that great territory for the past nine years. He was Editor and Publisher of the Pacific Coast Dairyman published in Tacoma, in 1895-1900. Later he engaged in the management of Holstein Farms and from 1908-12 published in Seattle the Horn and Hoof, a publication devoted to dairying and better breeding. For the past nine years he has been engaged as manager and developer of large Holstein establishments, acting in that capacity at Greenbank Farm and Donnybrook Farms. His new position is with a publication that has been established since 1887 and which is doing splendid work for the dairy industry as the official publication of the United Dairy Associations of Washington.

WEINER BUYS SON OF CEDAR LAWN CANARY PAUL

George J. Weiner of Sparta, Wisconsin recently purchased a son of Cedar Lawn Canary Paul, first prize, senior and grand champion at the 1920 National Dairy Show, Wisconsin State Fair, and Waukesha Dairy Show. His name is Nockdair Canary Paul Urmagel No. 320178. The dam of this young bull is a 29-lb. daughter of Sir Urmagel Burke. Baird Brothers, from whom the purchase was made, have several other daughters of Sir Urmagel Burke in their herd, one of them is Lida Spofford Burke with three records averaging over 31 lbs. in 7 days and with 991 lbs. butter from 25,780 lbs. milk in a year.

It is interesting to note that one of Cedar Lawn Canary Paul's two-year-old daughters has recently made a record of 27.68 lbs. butter from 484 lbs. of milk as a junior two-year-old, which places her as second high record junior two-year-old heifer in the state. The state record junior two-year-old at the present time is a daughter of Sir P. O. M. 37th, who has a record of 27.90 lbs. butter from 440 lbs. milk.

Mr. Weiner has a herd of 45 pure breds and also has five sons. The chances are that more will be heard from Weiner & Sons in the near future.

SHE LED THE LIST

Flint Maple Crest Ona Tula, official world's champion Holstein yearling for a few days, was born December 17, 1917, the property of her breeder and present owner, D. D. Aitken, Flint, Mich. She is a daughter of King Ona who was at that time Mr. Aitken's herd sire and was afterwards sold by him and his partner, Mr. Wentworth, to the Congress Lake Farms. Her dam is Flint Maple Crest Tula who when just past 4 years old made 378.8 lbs. milk, 20.50 lbs. butter in a week, and who was by Maple Crest Korndyke Hengerveld from Tula Hengerveld De Jong. King Ona was by Maple Crest Pontiac Hartog from Ona Button De Kol, 30.29 lbs. butter in 7 days, 1345.55 lbs. butter in a year, state champion of Ohio for year butter production, and the dam of an 1100-lb. daughter, a 960-lb. daughter and an 838-lb. 3-year-old daughter.

Flint Maple Crest Ona Tula freshened at 23 months old. On the 19th of December, 1919, she started on test and proceeded to make real records. In 7 days she made 430.9 lbs. milk, 20.38 lbs. butter; in 30 days, 1772.4 lbs. milk, 85.28 lbs. butter, and in 60 days she made 3531.8 lbs. milk, 164.16 lbs. butter, so that in the 60 days she made eight times more milk and more butter than she did in her best 7 days —evidence of her persistency. She was continued on semi-official test after her 60-day official test closed. In 365 days she made 17,674.4 lbs. milk, 810.53 lbs. butter, her milk averaging 3.67 per cent fat, which was just about her average test during her official work, her 7-day average being 3.78 per cent, and her 60-day, 3.72 per cent.

Her record was reported in No. 10 of the Gardner reports, and at that time she had the highest year butter record ever officially reported for a heifer under two years old. She is still champion east of the Rocky Mountains.

Mr. Elworth E. Clarke of Andover, N. Y., one of the most prominent Holstein-Friesian breeders of Alleghany County, passed away at the Hornell Sanitarium April 11, 1921.

In early life he was associated with his father, Jeremiah Clarke, who was one of the pioneer breeders of New York State. Since his father's death, he has continued the business of building up their fine herd, and was a strong factor in the Holstein industry of this part of the state. He was a man of sterling charcter, and will be missed in the community life as well as in the business he has carried on.

Mr. Clarke joined the National Association in 1901.

(Continued fom page 20)
to the limit and great things are expected of them.

Her Greatest Daughter

Bess Johanna Ormsby easily qualifies for the honor of being the best daughter of Spring Brook Bess Burke 2d. This wonderful young cow was the first animal to make a 1000-lb. record in the 305-day division under the new rules. She is at present the only heifer under full age with a 1000-lb. record in the 305-day division. Not only that but she is the only 40-lb. cow regardless of age to make a 1000-lb. record in the new 305-day division and she is the only 40-lb. heifer under full age to make a 1000-lb. record in either the 305 or 365-day division. Perhaps more important than all she is the only cow of any age to make two 1000-lb. records in the new 305-day division. She is the only cow to make three 7-day records above 37 lbs each in three different lactation periods and she is the only cow to make two 1000-lb. records in connection with two 7-day records above 37 lbs. each.

Her complete record will be found under her picture published in connection with this story. Her best record either in short or long test was made as a junior four-year-old when she passed the 40-lb. mark in 7 days and finished a 305-day record of 1043.65 lbs. butter from 21,380 lbs. milk. She freshened again two weeks after the end of her year making a 37-lb. record from 703 lbs. milk with 152 lbs. butter from 3066 lbs. milk in 30 days, she was given another ten months record increasing her milk production slightly and nearly equalling her previous butter record. She freshened again in due season making a record of 38.25 lbs. butter from 652.8 lbs. milk which is, of course her second record above 38 lbs. and her third above 37 lbs. She is now running on long test and will be given a third ten months record or else a full year record depending upon when she is bred.

Bess Johanna Ormsby at six years old has dropped four calves, all of which are bulls. Her oldest son is King Bess Johanna Ormsby, sired by the Irwin herd sire, King Korndyke Colantha Ormsby and now is standing in service in the Aitken Brothers herd at Waukesha, Wisconsin. Her second son, Winterthur Ormsby, is also sired by King Korndyke Colantha Ormsby. He was bred by the E. C. Schroeder Farm, purchased in dam by Winterthur Farms sold by them in the Philadelphia sale to A. C. Hardy of Brockville, Ontario, and re-sold by Mr. Hardy in the St. Paul sale to Cloverleaf Farm, Valparaiso, Indiana. The two youngest sons of Bess Johanna Ormsby are both sired by her full brother, King of the Omsbys, and a picture of the older of these two, Winterthur Bess Burke Boast, is offered as proof that in this case the mating of a full brother and sister got satisfactory results. This practice can hardly be recommended, however, for general use although apparently successful in this case.

Other Descendants

In addition to the descendants of Spring Brook Bees Burke 2d that we have already discussed there is a line of the family that is descended from Bess Mercedes Ormsby, her oldest daughter and in fact her first calf As a junior three-year-old this young cow made a record of 26.26 lbs. butter from 4644.3 lbs. milk in 7 days and finished a year record of 830.95 lbs. butter from 17929.7 lbs. milk. She is dam of Bess Mercedes Korndyke with a 27-lb. junior 4-year-old record and a year record at the same age of 818 lbs. butter from 18490 lbs. milk. Another daughter of Bess Mercedes Ormsby is Bess Ormsby Fytje, a 17-lb three-year-old with 542 lbs. milk in a year. A son of this last cow is one of the herd sires in the Marlow and Randall herd at Mankato, Minnesota.

Spring Brook Bess Burke 2d was bred by G. L. Miller of Northfield, Minnesota, and was purchased in dam by E. C. Schroeder of Moorhead, Minnesota, at whose farm she was born November 10, 1909. Her breeding is well known, she being a daughter of spring Brook Bess Burke, "the greatest mother of the breed," The latter is the only cow to have three daughters above 1100 lbs. each, also the only cow to have six semi-official daughters, her six averaging 977 lbs. butter from 21,822 lbs. milk.

Bess Burke 2d is the largest record daughter of her sire, Sir Johanna Canary De Kol, whose list includes the first 34-lb. senior 3-year-old and other daughters with records up to 1000 lbs.

At the Schroeder Farm, Spring Brook Bess Burke 2d made her two heifer records, her three 7-day records above 35 lbs., and her first two 1000-lb. records. About the time she made her third 35-lb. record her son, King of the Ormsbys, was purchased by Allamuchy Farm and Winterthur Farms and a little later practically the entire Bess Burke 2d family were purchased by Winterthur Farms. In this herd Bess Burke 2d completed her 1290-lb. year record, her fourth 30-lb. record and her fourth 1000-lb. record. Bess Johanna Ormsby, the best daughter, was included in the purchase. At the time of purchase she had made her 40-lb. four-year-old record and in Delaware has completed the later records which stand in her name. Several others of the best members of this family also went to Winterthur and here this great family will be built up in years to come. Bess Burke 2d and her daughter are two of the greatest and most consistent producers of the breed as proven by their long and short time records and it is believed by those that know that even greater honors are in store for this line of breeding.

AN OUTSIDER'S OPINION OF THE BRENTWOOD SALE

Editor Holstein-Friesian World:—

As a rank outsider, at Mr. Davidson's Sale, some of the things I saw and felt may be of interest.

Like all Sales, it was "spotty".

Some stuff went for much more than it was worth and some for nothing.

The first thing that one felt was that it was just about as honest as a Sale could be.

Of course, if you know Davidson, you know he could not pull off any other kind of a sale.

He isn't that kind of a man.

The catalog was as good as though it had been gotten up by an engineer.

The building was perfect,—in spite of the cold wave, we were perfectly comfortable.

Of course Davidson lost money on it, but did he not demonstrate that he is just one of the best there is?

The "yeas" have it.

Frank R. Chambers, Jr.
Featherstone Farms, Featherstone, Va.

SOUTH AFRICAN CLASS LEADER

The South African heifer, Rose Posch, has made 19515.5 lbs. milk, 898.54 butter in a year, which is the best record ever made in the Dominion by a 2-year-old. She is again under test and her first two months made 82 lbs. and 87 lbs. butter fat, respectively.

Dispersal Sale Martindale Stock Farm Herd

100 Pure Bred Holsteins at Auction

WEDNESDAY, MAY 11, 1921—AT 10 O'CLOCK SHARP

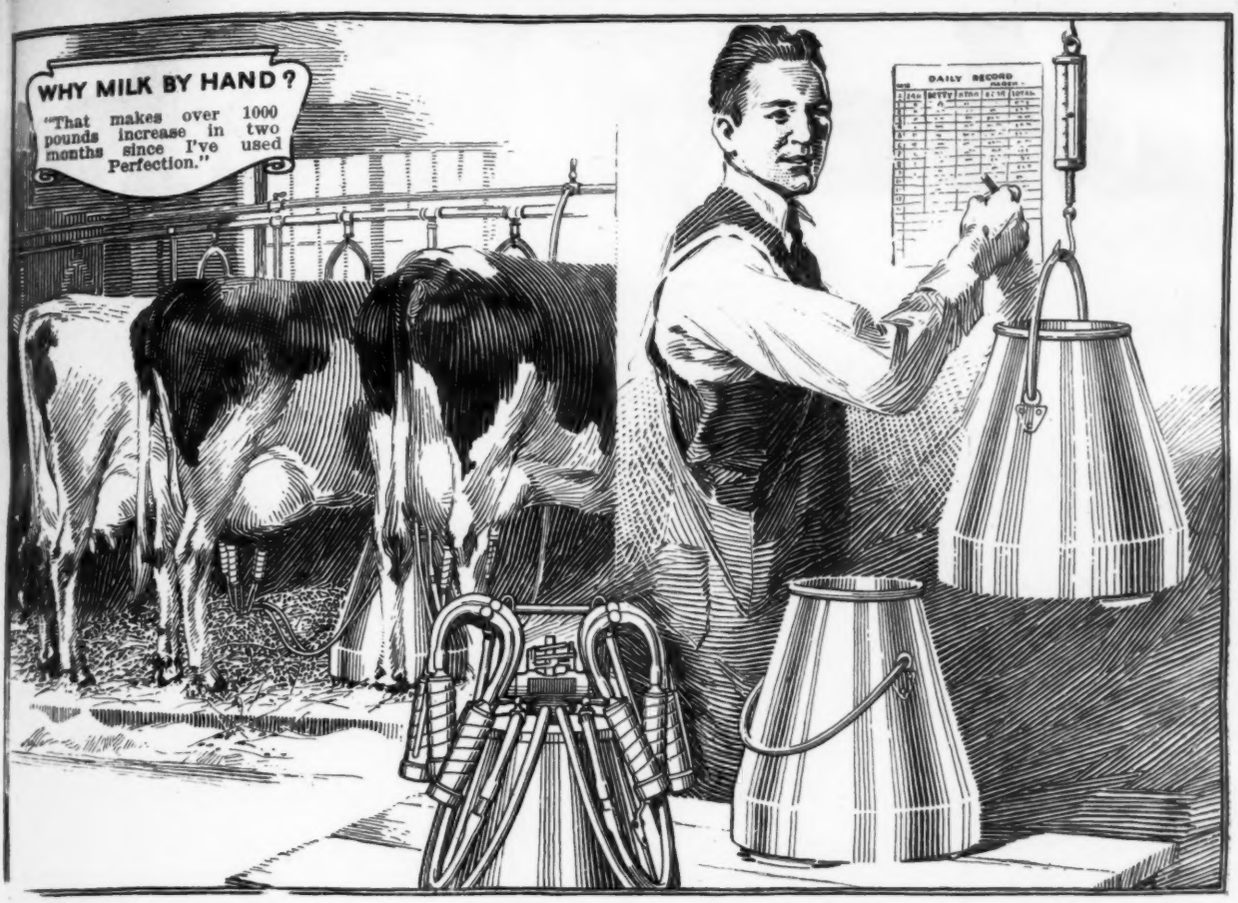
At Our Farm Just Out of City of Middletown, N. Y., on Main Line of Erie and N. Y. O. & W. R. R.

This herd is almost all our own breeding, rich in blood of King of the Pontiacs, King Segis Pontiac Boon and Ormsby Korndyke King Pontiac, K. S. Pontiac Alcartra, Colantha Johanna Lad, and other popular bulls of the breed. Ormsby Korndyke King Pontiac now heads our herd. He is recognized individually and in breeding as one of the very best sons of the famous Ormsby Korndyke Lad. His dam at three years made 31.07 lbs. butter, 644.6 lbs. milk 7 days, 2762.6 lbs. milk, 126.55 lbs. butter 30 days, 101.8 lbs. milk one day. She has three other sons in the sale, two sired by K. S. Pontiac Boon. One calf, born June 1920, sired by Sir Aaggie Mead De Kol. This is one of the largest producing herds in this section of the state, two 30-lb. cows going over 100 lbs. milk one day, several others with records from 20 to 30 milking 70 to 90 lbs. daily. All our youngsters have good A. R. O. backing and No. 1 individuals in first class condition. About 50 are cows milking age, 15 two-year-olds bred to freshen early fall, 15 yearlings being bred for next winter, balance calves, both sexes. Some young bulls about ready for light service. Sale will be held under cover. Good lunch served at farm. Liberal credit will be given on good endorsed note.

COL. HARVEY LOWE,
J. S. BRUSTED,
Auctioneers

Martin Bros., Box 308, Middletown, N. Y.

Catalogues will be ready in about two weeks. Mitchell Inn at Middletown, headquarters for out-of-town buyers.



"Since I commenced to use the machine my cows increased 501 pounds the first month and 525 pounds the second month over the last month I milked by hand. I believe I have made 1025 pounds more milk than I would have had I continued to milk by hand.
—E. W. EAYRS.

Increase Your Production With The Perfection

DO you want to increase the production of your herd? One dairyman got an increase of over 1000 pounds in two months. How did he do it? He milked his cows with the Perfection Milker. Get a Perfection and increase the production from your herd.

Hand milking is not the natural way of milking. Perfection duplicates the natural action of the calf. That's why cows give more milk. Perfection can be quickly adjusted to milk each cow in the way she likes best.

It's this natural action of the Perfection that enables thousands of owners to write and tell us about their increase in milk flow. They say their cows take to Perfection from the start.

Increased production is not the only way Perfection increases dairy profits. One man with a Perfection replaces three hand milkers. It saves you the time and wages of labor. It makes you less dependent on hired help and relieves you of drudgery. Can you afford to overlook this method of milking?

Investigate Perfection Way of Milking

Send for book, "What the Dairyman Wants to Know." We will also send you a list of Perfection owners' names and addresses near you. Why Milk By Hand? Perfection increases production.

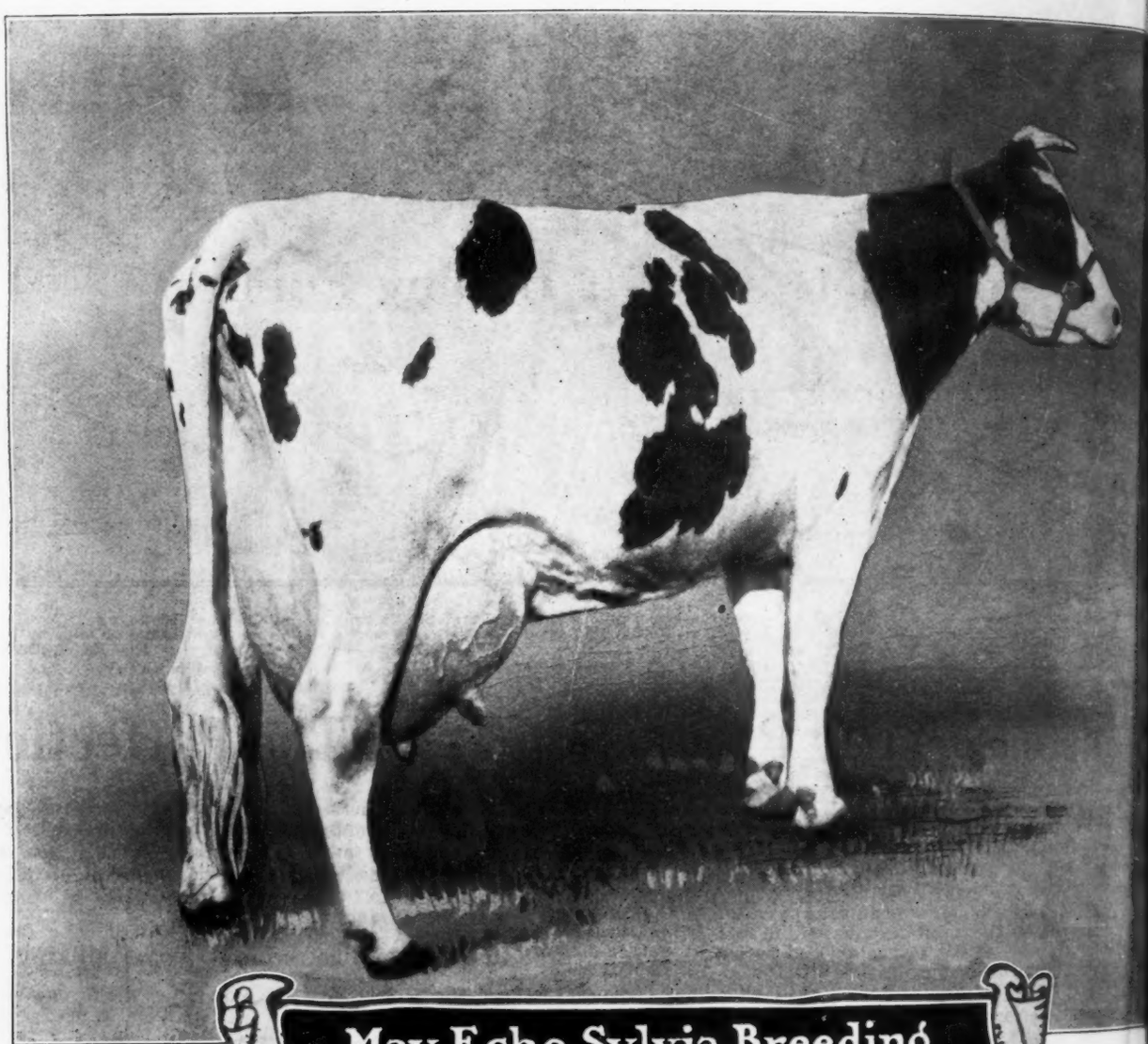
Perfection Manufacturing Company

446 S. Clinton St.
Syracuse, New York

2136 E. Hennepin Ave.
Minneapolis, Minnesota

PERFECTION MILKER

May Echo



May Echo Sylvia owned by A. C. Hardy Avondale Farm Brockville, Ont.

May Echo Sylvia Breeding

Copyright C. S. F. '20

HER REMARKABLE SERIES OF RECORDS

	MILK	BUTTER
At 7 years	1005.00	41.01
At 10 years	948.90	35.67
At 6 years	874.70	36.33
At 8 years	852.20	37.60
At 4 years	759.00	33.94

May Echo Sylvia is the only cow that has produced 1000-lb. milk in 7 days and is also the only cow that has made four 850-lb. records and five 750-lb. records.

Sylvia Blood

A STRAIN OF BREEDING

Appreciated by the Buying Public

AT the recent Brentwood Sale, almost unanimously adjudged a standard of sound Holstein values,--twenty-six animals in one way or another affected by the May Echo Sylvia blood averaged $1782 against an average of $1281 for the entire sale.

The ten animals sired by either a son or a grandson of May Echo Sylvia averaged $1862, all but three of them selling for $1000 or better. The sixteen animals in calf to either her sons or grandsons averaged $1702.

With these values as set by the buying public and considered in connection with the average of $1281 for the entire sale or $1118 with the top animal eliminated, proves conclusively the value of a May Echo Sylvia grandson in your herd.

The production of this family combined with its individual quality is establishing for it a lasting place in Holstein history.

This advertisement is published jointly by—

A. C. HARDY, Avondale Farms
E. A. STUART, Carnation Stock Farms
JOHN A. BELL, Jr., Bell Farms

The Lusk Bill.

An Act to Amend the Membership Corporations Law of New York State in Relation to the Certificate of a Change in the Number of Directors and the Holding of Annnal Meetings Without the State.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Section fourteen of chapter forty of the laws of nineteen hundred and nine, entitled "An act relating to membership corporations, constituting chapter thirty-five of the consolidated laws," is hereby amended to read as follows:

§ 14. Changing number of directors. A membership corporation, created under or by a general or special law, may by vote of the majority of its members present at an annual meeting, or at any special meeting duly called for that purpose and so specified in the notice of the said meeting, determine to change the number of its directors to any number which a corporation created under this chapter for the same purpose is authorized to have. Notice of such special meeting shall be given as provided by section twenty-six of the stock corporation law, or by publication thereof once in each week, for three successive weeks next preceding the time when such special meeting is to be held, in at least two newspapers within the county where such special meeting is to be held. On such determination, [a majority of the directors] **the president and secretary of the meeting** shall sign, acknowledge and file an amended certificate specifying such reduction or increase; and thereupon the number of directors shall be the number stated in such certificate. Each director then in office shall serve until his term expires, and there shall be no election of directors, until the number of directors is less than the number specified in the certificate.

§ 2. Section forty-eight of such chapter, as added by chapter one hundred and sixty-nine of the laws of nineteen hundred and nine, is hereby amended to read as follows:

§ 48. Annual meetings of **certain** corporations [organized for benevolent, charitable, or missionary purposes, when] may be held without the state. A membership corporation, organized for benevolent, charitable or missionary purposes, a part of whose membership consists of delegates chosen by churches, societies or other organizations, which are located in other states and which contribute to the funds of such corporation, may hold its annual meeting without the state. **A membership corporation created under or by a general or special law, which has a membership of at least one thousand members, may hold its annual meeting without the state in any state or territory of the United States in which any of its members reside, provided that such corporation shall make and file with the secretary of state, a written designation under its corporate seal, and the signature of its president, vice president, or other acting head, of some person being a resident of the state upon whom process may be served within the state. The designation must specify the residence of the person so designated and if it is within a city, the street and number, if any, or other suitable designation of the particular locality. Such designation shall be accompanied with the written consent of the person designated and shall continue in force until revoked by an instrument in writing, designating in like manner some other person upon whom process against the corporation may be served in this state or until the filing, in the same office, of a written revocation of said consent executed by the person so designated. If the person so designated dies, or ceases to be a resident of the state, or files such revocation of his consent, and the corporation does not, within thirty days after such death, or the ceasing of such person to be a resident of the state, or the revocation of consent, designate in like manner, another person upon whom process against it may be served within the state, process may be served upon the secretary of state. At the time of such service the party making the same shall pay to the secretary of state, two dollars, to be included in his taxable costs and disbursements, and the secretary of state shall forthwith mail a copy of such process to such corporation if its address, or the address of any officer thereof is known to him. Service of summons or any process or other paper for the commencement of a civil special proceeding, against such corporation, in any court, or before any officer, if made as herein provided, shall be of the same effect as if made upon such corporation. Authority is hereby conferred upon the board of directors or an executive committee of such board of any such corporation, to choose the person to be designated as herein provided.**

§3 This act shall take effect immediately.

Explanation—Matter in **bold face** is new; matter in brackets [ ] is old law to be omitted.

CONCERNING TILLY'S EIGHTH RECORD

The announcement in last week's **World** regarding the eighth year record of Tilly Alcartra was based on a telegram received from our special California correspondent, Robert E. Jones, who wired merely the bare facts, namely, that Tilly Alcartra had finished a 305-day test with approximately 875 lbs. butter and 23,000 lbs. milk. She is due to freshen again early in June. This telegram was received just as we were going to press last week and we hoped then that we might have further details to publish in regard to this great record. Due to unavoidable delays, however, we have no further information about this record so we will have to wait until a later issue for a complete story of her eight years' work.

SEND ME YOUR NOTE

For a 32-lb. bull. I will take your note for either of these high class bulls. We will give you your choice of the following bulls ready for service under our regular gilt-edged guarantee. These bulls have a straight top line and possess every feature of the show ring quality. They are from the most popular breeding strains and our prices are lower than ever. Study the breeding carefully and see what you are getting in these bulls. Send us a check today for $100.00 and we will carry the balance any reasonable length of time. King Lyons Boon Gerben is the sire of the bulls offered. He is a grand individual and promises to make a great bull. He is by a 35-lb. bull, Rag Apple Korndyke Boon, who is now recognized as one of the gratest bulls of the middle west. He is from a 33-lb. dam, 29-lb. grandam, who is followed by a 900-lb. cow. Consider what you are getting in this bull. The grandam on the sire's side is a 38-lb. cow.

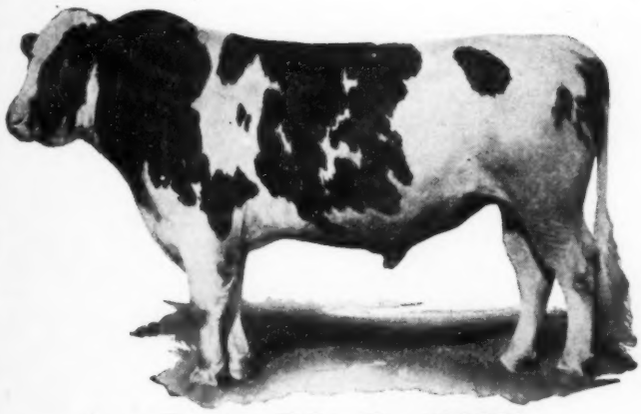
Dam, Jessie Fobes Maud Burke Canary 2d 4½-year record (28.86). She is a daughter of Hamilton Colantha Lad who is a son of Colantha Johanna Lad, that great bull that has more high records in milk production than any other bull. The dam is from a 27-lb. daughter of Homestead Junior De Kol. The price for this bull is $500.00.

Omaha Segis Lyons 4-year-old record (31.56). She weighs 1850 lbs. One of her sisters has a 32-lb. record. Her sire is King Segis Lyons who has nine 30-lb. daughters. He is a son of King Hengerveld. His sire's dam, Catrina Segis (23.12). Her dam is a sister to Niva Kalmuck, Nebraska State Champion (45.13). King Segis breeding. The price of this bull is $650.00.

OTTO SCHAUBLE **Pilger, Nebraska**

2

Herd Sires For Sale



Avon Pontiac Echo No. 203055

Ready For Service

Avon Echo Ormsby

No. 318012

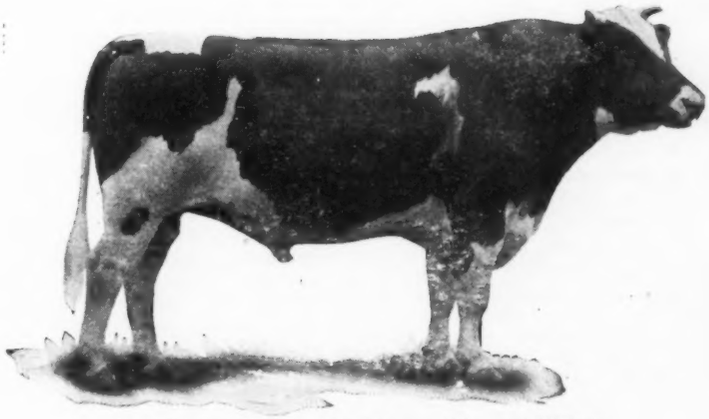
A son of Avon Pontiac Echo out of a 24 pound daughter of Sir Ormsby Hengerveld De Kol.

Ready For Service

De Kol Walker Matador

No. 298826

A son of Matador Segis Walker out of a 25 pound four-year-old daughter of Dutchland Governor Sir Colantha.



Matador Segis Walker No. 148839

Farms:
Western Farm,
Seattle, Washington

Eastern Farm,
Oconomowoc, Wis.

Carnation Stock Farms

"Home of Contented Cows"

Offices:
Chicago, Illinois
415 Consumers Bldg

Seattle, Wash.
415 Stuart Bldg.

Interviewing Spaulding's State Champion

It is not given to all of us to see and handle a cow that has produced better than 861 lbs. milk in 7 days for the cows now living that have exceeded that production can be counted on the fingers of one hand. It was, therefore, with a good deal of pleasurable anticipation that a member of the **World** staff visited the P. Frost Spaulding farm at Warren, Minnesota, to see the new Minnesota State Champion milk producer, Neeltje Mercedes De Kol Homeland. Her figures have already been reported in the **World** as 33.56 lbs. butter from 861.1 lbs. milk with a 30-day record of 3622.1 lbs. of milk containing 133.79 lbs. butter. The milk records are both Minnesota State records and are among the largest ever made anywhere. She was expected to pass the 7000-lb. mark in 60 days after which she was to be put on semi-official test. Her best 7-day butter record was just over 34 lbs. but the 33-lb. record is the one they are reporting in order that the largest milk record may appear.

The State Champion is a wonderful individual with a tremendous udder measuring, at one time, 99 inches around. She combines size and great capacity with fine quality and dairy temperament, and we hope to have her picture for early publication, as she is one of the really great cows of the breed.

Mr. Spaulding is fortunate in having two sons of this great producer. one a 3-year-old sired by a proven son of King Segis Pontiac Count, and the other her last calf. The 3-year-old has been used in a grade herd where we are told he has sired an exceptionally fine lot of individuals. He was re-purchased by Mr. Spaulding after the dam made her record and will be sold in the coming State Sale at Faribault.

The presence of the State Champion milk producer in the herd must not cause us to overlook some of the other great producers. At the time of the writer's visit four members of the herd were making over 100 lbs. a day. One of the best of these is Rockasene Lady Shabona, a 33-lb. cow who has milked as high as 109 lbs. in a day and has for her best 7-day milk production 692 lbs. She was expected to produce better than 3000 lbs. in 30 days. This is the second year that this great cow has milked over 100 lbs. in a day as last year she made a 29-lb. record from 683 lbs. milk. She was given a year record of about 825 lbs. butter from 20,000 lbs. milk and freshening again within six weeks made her great 33-lb. record. This cow is one of the grandest individuals in the herd with about as perfect an udder as one could wish to see. She is also a member of the Spaulding consignment to the State Sale.

In the herd may be found eight daughters of the $65,000 bull, Sir Pietertje Ormsby Mercedes 41st. One of these has just made a 25-lb. record as a senior 2-year-old and several of the others look capable of duplicating this performance.

THE CHAMPION AT HOME
Part of the herd and farm buildings of P. Frost Spaulding Farms Company, Warren, Minnesota, where was developed the Minnesota State Champion milk producer, Neeltje Mercedes De Kol Homeland. Her three-year-old son will be one of the attractions at the Minnesota State Sale.

The Spaulding Farm and herd is owned by the estate of the late P. Frost Spaulding but the herd was built up by and is under the management of C. L. Spaulding. Although intensely interested in Holsteins and in the various problems incident to building up a high class herd, Mr. Spaulding is, strictly speaking, a "wheat man" rather than a "cow man," operating a string of some thirty elevators throughout the State of Minnesota. He has therefore engaged to handle his herd one of the best cow men in the state, J. H. Berg, who has been with him for some fourteen months and who is handling these great producers on test.

The herd was run for some years as a grade proposition but Mr. Spaulding has been gradually building up a pure bred herd. His first pure bred purchase consisted of five heifer calves at $100 each which have now developed into cows. Three of them have made 30-lb. records, the fourth has 25 lbs., a record made without fitting and is soon due to freshen again in splendid condition to increase her record. The fifth $100 calf has developed into a 27-lb. cow and is expected to increase this record when she freshens again next June.

The herd sires are three in number and their breeding is worth noting. The senior sire is King Piebe Ormsby Mercedes, a sample of whose offspring was the little heifer that Mr. Spaulding contributed to the State Show herd last fall, when it will be remembered she won first and junior championship at the Minnesota State Fair and was inside the money both at the Cattle Congress and at the National. This sire is the son of Sir Korndyke Bess, who is out of a 29000-lb. daughter of Sir Piet and Spring Brook Bess Burke. His dam is one of the greatest daughters of Sir Piet. Queen Piebe Ormsby Mercedes with two year records above 1100 lbs. Her five year records made in her first five lactation periods average just under 1000 lbs. which is the highest average for the first five records for these first five records ever made by any cow of any breed. He is therefore a line bred bull both his dam and sire's dam being two of the greatest long-distance daughters of Sir Piet.

To carry the line breeding a step farther Mr. Spaulding is using on the daughters of this sire a son of Sir Piet. He is King Pietertje Ormsby Mercedes and his dam, who is also a member of the Spaulding herd has recently made a 29-lb. record and is now running on semi-official test. She is sired by the show bull, Sir Korndyke De Kol 36th and is out of a 1000-lb. daughter of Sir Piet, so calves sired by one herd sire from daughters of the other will have four near crosses to Sir Piet.

There is also a third sire in the herd who has been used mostly on the grade cows. He is King Zora Korndyke Ormsby, a son of the Irwin bull, King Korndyke Colantha Ormsby, and out of one of the good daughters of Old Sir Piet. It will thus be seen that the Spaulding herd is quite strong in the Sir Piet blood in its herd sires as well as in many of the females.

For years tuberculosis has been unknown in the Spaulding herd. The herd has been tubercular tested regularly for a good many years and is undoubtedly one of the cleanest herds in the State. The three herd sires in particular are the picture of rugged health. They are not kept in the barn at all but run out in a corral all the year round and while this leaves them somewhat rough and far from in show shape Mr. Spaulding believes that they are much healthier and will continue to be bulls longer than if confined.

Both long and short time testing is being done and will be done in the years to come and under the skillful handling of Joe Berg this herd is sure to go far.

A 32.43-Lb. Average —For Fourteen Dams

May Echo Sylvia BREEDING

Copyright C. S. F. '20

Records of May Echo Sylvia

Milk 1d	152.0
Milk 7d	1005.
Milk 30d	4196.9
Milk 60d	8220.1
Milk 90d	11855.1
Milk 100d	12898.1
Milk 7d (10y)	948.9
Milk 7d (6y)	874.70
Milk 7d (8y)	852.50
Milk 7d. (4y)	759.00

This week we are making a special inducement on a yearling bull, a May Echo Sylvia grandson and one of the greatest we have ever bred.

This bull is a full brother to the junior champion male at the 1920 New York State Fair. Three of his full brothers are heading high class herds.

He is sired by Champion Echo Sylvia Pontiac, greatest proven son of May Echo Sylvia, sire of the world champion milk producer under strictly official test for ten months as a two-year-old. One of the great sires of the breed.

The bull is from that great heifer, Belle Model Pietje 2d that made 22 lbs. as a two-year-old, 27 lbs. as a four-year-old and last year made 28 lbs. as a five-year-old. She is a 3-4 sister to Belle Model Pontiac with 37.69 lbs. from over 700 lbs. milk. Her dam, Belle Model Pietje, has over 36 lbs. in 7 days and two records over 35 lbs. The third dam, the famous Belle Model Johanna 2d, has twice made over 37 lbs. and three times over 32 lbs. She has also produced two 36-lb. daughters. She is also the grandam of Carnation King Sylvia.

He is a very handsome individual, beautifully colored, straight as can be and with his ideal combination of breeding, is one of the very richest bred calves we will be in a position to offer for some little time. A calf that is by right of inheritance fit to head any herd in the world.

AVONDALE FARM

Brockville, Canada

A Group of Daughters of Sir Hengerveld Pietertje Ormsby at Minn-Otonna Holstein Farm.

Minn-Otonna Making History

It was the recent good fortune of a member of the **World** staff to visit Minn-Otonna Holstein Farm, the new establishment of Hugo W. Schroeder at Owatonna, Minnesota. This is a true Ormsby herd the herd sires for years back being from daughters of Sir Pietertje Ormsby Mercedes.

The present herd sire will be remembered by followers of the show ring last fall as Sir Hengerveld Pietertje Ormsby, who was first prize two-year-old at the Minnesota State Fair and the Waterloo Dairy Congress and second at the National. In the opinion of the writer this bull has improved vastly since the show season although being now in breeding condition rather than in show shape. His picture taken on the show circuit might indicate that he was a little weak in the back but he seems to have outgrown the failing and now presents a splendid straight top line as well as a square rump. He has grown considerably in the last five months and has developed a splendid pair of shoulders with a good neck and crest.

Mr. Schroeder also owns an interest in the dam of this bull having purchased her at the St. Paul sale for $10,000. She is Chloe Pietertje Ormsby, who was the first heifer to make a year record of over 800 lbs. butter at less than two years old. She came back at barely three years old with 1000 lbs. becoming the youngest 1000-lb. daughter of her sire, Sir Pietertje Ormsby Mercedes and as a four-year-old made her third great year record of just under 1150 lbs. She thus became the first animal of the breed to make three year records all in heifer form averaging over 1000 lbs. each. Chloe is making another year record as a five-year-old which should pass the 1200-lb. mark, which will give her four wonderful records.

Mr. Schroeder's prize winning son of Chloe is sired by a son of Sir Pietertje Ormsby Mercedes from Minnesota's first 1000-lb. cow. This means he is a double grandson of Sir Piet with better than 1000-lb. records for his dam and sire's dam.

At Mr. Schroeder's place can also be seen a young son of Chloe sired by the $65,000 bull, Sir Piet 41st. An interest in this youngtser and also in his dam is owned by Mr. Schroeder's father and brother, who make up the firm of C. A. Schroeder & Son of West Bend, Wisconsin.

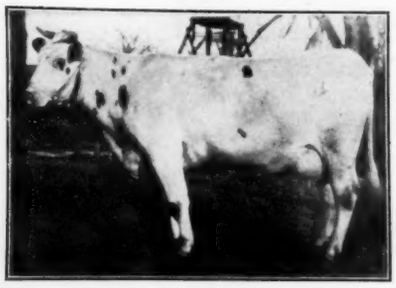
The previous herd sire was Sir Korndyke Glen, a member of the famous E. C. Schroeder show herd of 1914, at which time he was inside the money at the National Dairy Show and won either first or second at four state fairs. This bull, like the present herd sire was from a daughter of Sir Piet, she with a 27-lb. record in 7 days and a good year record. She is the full sister to a 1300-lb. 4-year-old, her dam being the first 34-lb. senior 3-year-old. The sire of Sir Korndyke Glen was Sir Korndyke Hengerveld De Kol 36th, a blue ribbon winner at the National in his day.

In the herd are quite a number of daughters of Sir Korndyke Glen that have made records up to 23 lbs. as junior 2-year-olds, quite his entire list consisting of about a dozen daughters average better than 20 lbs. as first calf 2-year-olds.

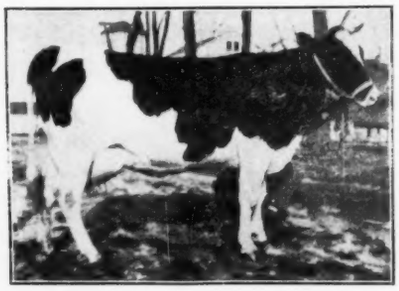
One of his first daughters to freshen as a 4-year-old is Miss Netherland Piebe, who has recently completed a record of 31.33 lbs. butter from 652.8 lbs. milk. This splendid heifer at barely four years old has dropped three separate calves, the oldest a 2-year-old safe in calf by the son of Chloe. This great dam and daughter are being offered by Mr. Schroeder in the coming State Sale.

The Minn-Otonna herd is a real breeders' herd. It was founded six years ago, the foundation being six good cows and the Glen bull. The herd now numbers over 40 head, practically all of which were bred by Mr. Schroeder. Among the number are 14 young daughters of the Chloe bull and

(Continued on page 46)



QUEEN ORMSBY GLEN
A 22-lb. junior 2-year-old daughter of Sir Korndyke Glen.



CREAMELLE ORMSBY GLEN
A 20-lb. junior 2-year-old daughter of Sir Korndyke Glen.

LADY ORMSBY GLEN
A 17-lb. junior 2-year-old daughter of Sir Korndyke Glen. All three developed and owned at Minn-Otonna.

Three Heifers Bred to Him

In Our Consignment to the

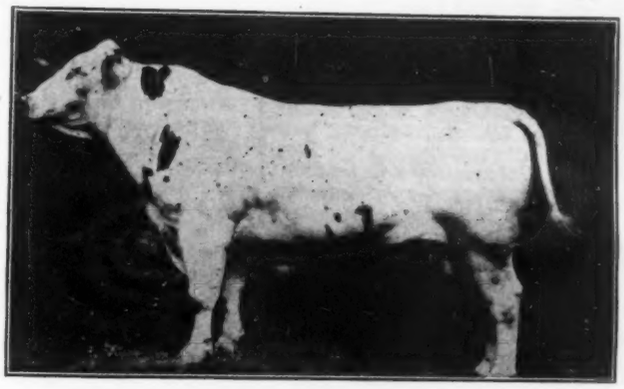
RICE COUNTY SALE

Faribault, May 5th

The Day After the State Sale

Three Splendid Heifers, One from a 30-Lb. Dam, all bred to

The Only Son of Champion Echo Sylvia Pontiac, Backed by Two 37-Lb. Dams.



KING ECHO JOHANNA SYLVIA

A Son of Champion Echo Sylvia Pontiac, from a 37-Lb. Daughter of a 37-Lb. Cow.

LOOK US UP AT FARIBAULT

HUNTER BROS.

Northfield Minnesota

May Echo Sylvia BREEDING

Copyright C. S. '20

Records of May Echo Sylvia

Milk	
1 day	152.0
7 days	1005.0
30 days	4196.9
60 days	8200.1
90 days	11855.1
100 days	12898 1
Milk 7d (10y) ..	948.9
Milk 7d (6y) ...	874.70
Milk 7d (8y) ...	852.50
Milk 7d (4y) ...	759.00

FOR PERSISTENT PRODUCTION OF MILK AND BUTTER

Get a Sylvia—Waldorf Bull

KING ECHO SYLVIA WALDORF

Is the son of

LADY WALDORF PIETJE

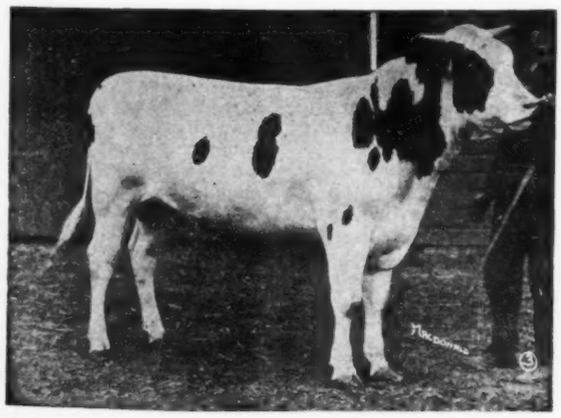
Age	Butter	Milk
2 yr.	25.36	520.3
3 yr.	32.12	600.2
4 yr.	36.31	736.7
5 yr.	35.39	772.0

His Sire's Dam

MAY ECHO SYLVIA

(See her records above)

The 7-day milk records of his dam and sire's dam average 886 lbs.



KING ECHO SYLVIA WALDORF

BETTER LINE UP WITH THE MAY ECHO CROWD
A SYLVIA-WALDORF BULL IS WAITING FOR YOU.

WOODLAWN DAIRY

Lincoln, Nebraska

Down in Old Walworth Again

By "LES" OLDHAM

The Annual meeting of the Walworth County Holstein Association on March 15th took us back to our old stamping ground. Back home, so to say. Not the place of our birth, but home just the same. There among the breeders and dairymen on the farms and the country life lovers in the small cities of Elkhorn, Delevan, Lake Geneva, Whitewater, East Troy, Sharon and Walworth are to be found our friends. Folks—good—staunch and true. A little more conservative than some, but progressive nevertheless, they are champions as farmers. The riches of the county will testify.

Walworth County clains 2681 pure bred registered Holsteins by the census and some one hundred fifty breeders of Black and Whites. A still larger number are using a pure bred bull and expect to get a female soon. 60% of the bulls in use in the 2803 herds of the county are pure bred and the county has three 100% cow testing associations. Until a year ago there were five associations in operation. You can imagine that the boarder cows have been weeded long since. The number of herds under Federal State Supervision for tuberculosis is close to 100. Many more are on the way. The sales manager, Mr. Bachuber, told those at the meeting that this years County Holstein Sale would be made up entirely of consignments from herds under such supervision. I know too, that the sales committee is taking other progressive steps which will gain a distinctive reputation for a cattle sale of more than usual merit. Real progress is noted but it isn't enough to satisfy the leaders. At least opinions voiced at the meeting lead us to hopes of seeing a showing of Holsteins at Elkhorn this fall the like of which never has been seen at a County Fair; not even their own fair where the Holstein show is a "whopper:" a County Show Herd at Milwaukee; a County Calf Club contest; a County tour; more cooperative bull associations, (they have a fine son of "Ollie" cooperatively owned and in service now) and numerous other projects. If only it will be done. Herein lies our hopes.

We loitered some after the session adjournment until breeders had gone home to the chores. Yet it was a long wait to train time. We sauntered down toward the depot and stopped in to see Weber Smith, King Pontiac Fayne Butter Boy and company.

Rockwell Farm as the place is called, bumps right up to the edge and is well within the taxing limits of Elkhorn, one of the prettiest little country towns we ever hope to see. It is known as the LeGrand Rockwell home although Mrs. Rockwell sold it to J. R. Wheeler of Columbus several years ago and he took possession almost immediately.

J. Russell Wheeler is best known as one of the two live wire Columbus bankers. He is a past president of the State Bankers Association. He has had a big role in the important Wisconsin events of the past ten years. He is best known as Wisconsin's leading farmer-banker. His bank is a model of banking convenience and practicability as only a son of three generations of bankers could make it. Wheeler is a farmer too, as his depositors will tell you. He understands farms and farmers and they have confidence in him as his bank resources and deposits show. He is an outstanding figure in Wisconsin's agriculture and we are glad to welcome him to the fold as a Holsteiner who won't stand still while the game's on. There is some family sentiment connected with this narration and we retell the story as J. R. gave it to us.

"The Rockwell Farm is the old homestead of LeGrand Rockwell who land granted the property from Uncle Sam in 1837. Mr. Rockwell was my grandmother's brother and together with three other men laid out and founded Elkhorn. Elkhorn and Walworth County have a very strong pull on me because both branches of my family were among the earliest pioneer settlers. J. L. Edwards, my mother's father, settled north of Elkhorn in the town of Sugar Creek and was one of the organizers and the first president of the First National Bank of Elkhorn. The Rockwell Farm is one of the best in the county, and few counties have more good land than Old Walworth. It is typical of the Mississippi Valley highly productive kind. Weber L. Smith, my partner, graduated from the Agricultural College at Madison and spent a number of years teaching before settling down on the farm. He was commissioned a lieutenant of artillery and saw much service in France. Under Mr. Smith's management the whole plant is going smoothly. A few facts are of especial interest concerning our cattle."

"King Pontiac Fayne Butter Boy is a faultless individual backed by world's championship breeding. If there is any merit to pedigrees this bull with his wonderful individuality, health and vigor should produce splendid posterity. He is a son of a 47-lb. bull and a 30-lb. cow. His sire is by the only double century sire, King of the Pontiacs. His dam, a 30-lb. cow with a 31-lb. sister, is by a 30-lb. bull who combines the blood of the noted century sire De Kol 2d's Butter Boy 3d and the first century sire Hengerveld De Kol. There are 4 century sires in the pedigree and every bull but one in the three generations has sired daughters with 30-lb. records or better. All together, he represents one of the greatest possible combinations of breeding. His nine yearling daughters that we bought in the east with him are a living evidence of his prepotency as to conformation. They were show ring winners, individually and as a group. In another year we expect to prove his power to transmit milk production ability. We have mated him with a number of cows selected by us for conformation and breeding including a daughter of Pontiac Korndyke, a daughter of King of the Pontiacs, a daughter of King Segis Pontiac Konigen, a 31.72-lb. granddaughter of Colantha Johanna Lad, a sister of Windsor Sweet Butter Maid and a daughter of The Mighty Monarch." It will be seen from the above that Wheeler & Smith have some cows with real breeding as a foundation. A start was made this winter on official work and Mr. Smith reports that Elsie Segis Dutchland, a granddaughter of King Segis De Kol Korndyke and out of a granddaughter of Colantha Johanna Lad made 28.85 lbs. of butter and 565.8 lbs. of milk in 7 days. She gave 627 lbs. of milk her best 7 days. Her bull calf is sired by John Winkler's North Lake bull, King Pontiac Boon Artis. The calf is a dandy and is a brother to the yearling King Pontiac Parthenea Champion which sold at the Waukesha sale in December for $1275. It will be recalled that this fellow was first prize senior calf at Milwaukee last fall and grand champion at the recent Waukesha County Dairy Show. Another good record was made on Lady Mooie De Kol Green 2d. She produced 26.60 lbs. of butter and 611.7 lbs. of milk in her 7 days period as a full age cow. When it is known that these are our first records, it will be agreed that they are exceptionally good ones as a starter for Mr. Smith.

The buildings have recently been overhauled and are all lighted with electricity. City water is piped to individual cups for each cow. There is a plenty of box stalls and two fine large calf pens besides a calf barn close by. The feed room is equipped with hopper bins on the walls to hold the various test feeds. The farm grows alfalfa splendidly. The same is true of beets and all coarse grains. Earl Babcock is assisting Mr. Smith as field foreman and Harry Main is herdsman. The whole outfit looks business like and we think will be a credit to the county in its portrayal of the ability of its owners and operators to make of it one of the top notch herds of Wisconsin Holsteins. The herd prefix selected is "Wisconsianna" named after the State and Mrs. Wheeler.

ITHACA BREEDER PREPARING FOR TEST

Some good records may be expected from the herd of Kelso H. Smith & Son of Ithaca, N. Y., sometime in the near future, who writes that they have a bunch of good ones just about ready to test. This herd was started less than two years ago in June, 1919, and now numbers 17 head of females, the highest record in the herd being 24 lbs. on a junior four-year-old granddaughter of Pontiac Korndyke. This heifer averaged 84 lbs. milk a day during her test.

Other members of the herd include granddaughters and such sires as Pontiac Korndyke, Changeling Butter Boy, King Valdessa, Tidy Abbekerk Prince and King Korndyke Sadie Vale. These good females are being mated with King Veeman Concordia Sadie Vale, a son of King Korndyke Sadie Vale from a 32-lb. four-year-old daughter of Sir Veeman Hengerveld with 636 lbs. milk. These progressive breeders have already got quite a start towards success in their breeding operations.

Wisconsin State Ass'n Directors Meet

Reported by SECRETARY L. L. OLDHAM

The Board of Directors of the Holstein-Friesian Breeders' Association of Wisconsin met at Fond du Lac in executive session on April 8th. The Directors present were: R. A. Ryan, Depere; H. F. Schroeder, West Bend; W. C. Leitsch, Columbus; J. P. Riordan, Mayville; F. H. Everson, Lake Mills; F. J. Southcott, Dousman; Charles Hampke, Manitowoc; R. J. Schaefer, Appleton; C. J. Kieffer, Auburndale; A. P. Kaye, Walworth; and Ed. Gibbs, Fox Lake.

The state sales committee reported progress in the plans for the Wisconsin state sales to be held at Milwaukee and Marshfield May 17 and 26th respectively. Forty head is already consigned to each of these sales. When entries close on the 15th, the totals of 65 head for Milwaukee and 70 head for Marshfield are assured. The high freight rates, the financial situation, the increased selling cost, and the general increase of expenses as compared with the reduced receipts from sales, have a tremendous effect on the willingness of consignors to let loose of their best stuff, and best stuff only is all that is considered for state sales. However, Holstein breeders are good fellows, and are willing to take the chance of a financial loss in order to boost the business. 1921 is a year of years for buyers' opportunities. Sale catalogs will be available a week prior to sale dates and will be furnished on request.

Plans For County Representation

The Board deems representation from each county and a closer linking of the state and county associations essential to the future success of each organization and therefore discussed plans for re-organization to permit of a wider representation on the Directorate and Executive Committee. Accordingly, a committee consisting of L. L. Oldham, W. C. Leitsch and Frank Everson was named by motion of J. C. Kieffer to work out plans for representation to the Board and through them to the coming annual meeting May 16th in Milwaukee.

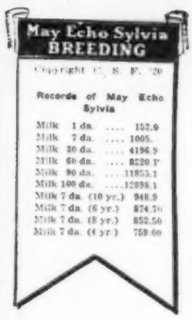
It has been found that approximately $10,000 a year is necessary to properly maintain the state association, do the advertising, and carry on the publicity necessary to properly keep Wisconsin Holsteins before the American public. The raising of this money is no small task. On unanimous motion, L. L. Oldham was reelected secretary for the ensuing year. After re-election, he was immediately charged, on motion of F. J. Southcott, with the task of putting on a membership drive similar to the one of a year ago. The dates selected are June 10 to 30. It is expected that every county having an association will hold a meeting and picnic, and that speakers of state and national reputation will be on hand to tell those present of the benefits of organization and the necessity of supporting the organization. The annual membership dues will be continued at $5 a member. This sum paid in by each of the 3,000 National members in our state should insure the upkeep and continuation of the effective work of the association.

The Coming National Meeting

That the interests of Holstein-Friesian breeders of Wisconsin must be carefully guarded by a big proxy vote in the hands of an experienced committee at the Syracuse National meeting in June was the consensus of opinion. This year's meeting is one of the most important ever held. Wisconsin stands "four square" for honest records, and anything that savors of leniency to violations of national rules will meet with stubbornness on our part. Officers and directors are to be elected. Wisconsin stands for the selection of those men who can give most to the breeder and to the national association of breeders, and their distribution must be spread over these United States so as not to give any one state undue power in numerical representation.

Mr. Kaye was selected to again represent Wisconsin as chairman of our proxy committee, and Mr. Riordan was named the other member. The secretary was instructed to immediately begin collecting Wisconsin proxy votes.

It was decided to have a banquet in connection with the state annual convention meeting and sale, which will be held in Milwaukee May 16 and 17. The program calls for a report of the officers from ten to twelve o'clock in the morning. In the afternoon new officers and directors will be elected. The program will be concluded by an address by some national figure. James Reynolds, chairman of the executive committee of the National Association and John M. Kelley, advertising expert for Ringling Bros. Circuses, are being sought as speakers.



TRAVERSE CITY HERD

Headed By

Echo Sylvia King Model

This is a May Echo Sylvia grandson and descendant also of the famous Belle Model family. He is a grandson of both May Echo Sylvia and Belle Model Johanna 2d, perhaps two of the greatest Holsteins ever in the Avondale herd.

He is a May Echo Sylvia grandson through her best proven son, Champion Echo Sylvia Pontiac.

He is a Belle Model Johanna 2d grandson through her best daughter, Belle Model Pietje, who has twice made better than 35 lbs. and three times exceeded 32 lbs., making 36 lbs. her best week.

A maternal sister to his dam has made over 37 lbs. butter in 7 days and has twice made over 32 lbs.

His maternal grandam is one of the famous cows that has twice made over 37 lbs. butter and produced two daughters, each of which are above 26 lbs. and that together have made at least five 30-lb. records.

He has been in extensive use in our herd for the past eighteen months and we are in a position to offer some of his very desirable sons from dams with good year records and good 7-day records. Information on them is yours for the asking.

Traverse City State Hospital

"Breeders of Good Holsteins Since 1889"

Traverse City, Mich.

COW TESTING ASSOCIATION NEWS

Reports of the good work of Holstein cows, both purebred and grade, in Cow Testing Associations, are desired for publication in this department. Let facts, figures and photographs tell the story.

South Carolina Dairy Notes

There were 133 cows on official and semi-official test in the State of South Carolina during February. As usual, a large proportion of Holsteins made the honor roll. There were 60 Holsteins tested, of which 31 made the honor roll with an average production of 1578.5 lbs. milk, 53.9 lbs. butterfat. Fifty-two Guernseys were tested, of which 19 qualified for the honor roll with an average of 1039.7 lbs. milk, 50.7 lbs. butter; 21 Jerseys were tested, 5 making the honor roll with an average of 984.3 lbs. milk, 53.6 lbs. fat. A Guernsey cow leads for fat production, but by only 4-10 lb. Her total was 83.4 lbs. against 83 lbs. for Ormsby Model Fayne 2d owned by H. D. Jordan of Ridge Spring. Mr. Jordan's Sunny Croft Butter Girl Corona came third with 78.6 lbs. fat and she led for milk production with 2535 lbs. The leading Jersey made 59.3 lbs. fat. Lakeland Roseline owned by P. A. Baxley of Blackville made 1707 lbs. milk, 76.5 lbs. fat. Judith Pontiac Triumph owned by Mr. Jordan made 2043 lbs. milk, 72.6 lbs. fat in the fourth month of her lactation period, and Tehee Abbekerk Changeling owned by St. J. R. Lawton of James Island, made 2178 lbs. milk, 70.2 lbs. fat. Mr. Jordan had 19 registered Holsteins to make over 43½ lbs fat in the month and one of these, Beaver Dam Laura Alcartra made 50.4 lbs. of fat in her sixth month. He had a senior 4-year-old and three 3-year-olds on the list. P. A. Baxley had 5 honor cows, as did Mr. Lawton, J. K. Mayfield of Denmark had one and J. W. McFarland of Bishopville had one.

A Holstein grade cow owned by Thornwell Orphanage, Clinton, averaged 80 lbs. milk a day for the month with an average test of 3.6% butterfat.

The South Carolina Dairymen's Association will hold their annual meeting at Darlington on March 29 and 30. There will be a cattle show in connection, and $100 in prize money has been provided for each dairy breed. Representatives of the Holstein-Friesian Association will be on the program, and it is expected that there will be a meeting of all interested in the Holstein breed. W. W. Gordan has been appointed as supervisor of Advanced Registry test work. Mr. Gordan has been a tester and is well acquainted with the breeders of the state. W. W. Long is director and J. B. LaMaster, Professor of dairying in charge of the test work.

Holsteins Lead Knox County Assn.

J. B. Countiss, tester of the Knox County, Illinois, Cow Testing Association, reports that the highest producing association cow during the month of February was a grade Holstein owned by E. V. Moberg of Monmouth. She made 1,410 lbs. milk, 54.9 lbs. butterfat during February, and she was the high cow in the association in December. She was milked three times a day by a milking machine and was fed a daily ration of 9 lbs. corn and cob meal, 6 lbs. ground oats, 3 lbs. oil meal, ¾ lb. cotton seed meal, 15 lbs. alfalfa hay and 40 lbs. corn silage. Mr. Moberg believes in "testing rather than guessing." The second highest cow was another grade Holstein owned by Zina Crane, she making 1092 lbs. milk, 54.6 lbs. butterfat.

The high herd consisted of pure bred Holsteins and grade Jerseys owned by E. H. Kirtpatrick of Roseville. This is Mr. Kirtpatrick's first year in the cow testing association. During the month of February his 7 cows averaged 918 lbs. milk, 39.8 lbs. butterfat. They were milked only twice a day and were fed a daily ration consisting of 3½ lbs. corn and cob meal, 7 lbs. ground oats, 2 lbs. dairy feed, 8 lbs. alfalfa hay and 35 lbs. corn silage. Three of the other four leading herds are black and whites, Zina Crane's pure bred Holsteins averaging 1059 lbs. milk, 34.3 lbs. fat, E. Moberg's grade Holsteins averaging 915 lbs. milk, 34.17 lbs. fat and Huggins & Brown's grade Holsteins averaging 1038 lbs. milk, 33.4 lbs. fat.

Two hundred forty-nine cows were tested during the month and averaged 684 lbs. milk 26.7 lbs. fat. There are no grade or scrub bulls used in this association and three purebred bulls have been purchased by members during the past month. More than 50 per cent of the cows have been tuberculin tested.

A. R. Landon who helped to start this cow testing association has been made a member of the Dairy Committee of the Illinois Agricultural Association.

Leaders Are All Holsteins

The February report of the Monroe, Illinois, Cow Testing Association shows that the best producer during the month of February was a 3-year-old Holstein owned by Wm. Braum. This was her third month in milk and she produced 1,773 lbs. milk containing 70.92 lbs. fat. A 10-year-old registered cow owned by Pautler & Fidler is second with a production of 2064 lbs. milk 59.86 lbs. fat. Grade Holsteins hold the next three places, No. 3 owned by George Werling she making 1170 lbs. milk, 54.99 lbs. fat, John Braun's cow making 1,683 lbs. milk 53.8 lbs. fat and another cow from the Wm. Braun herd making 1,566 lbs. milk, 53.24 lbs. fat. The highest producing herd is that of Wm. Braun consisting of grade and purebred Holsteins. The average was 1,248 lbs. milk, 43.68 lbs. fat. F. C. Kueker has two registered Holsteins, all the milkers that he has, and they average 1,077 lbs. milk, 34.46 lbs. fat. Eight grade Holsteins owned by George Werling averaged 816 lbs. milk, 33.46 lbs. fat. The six-cow dairy of John Braun averaged 1035 lbs. milk, 31.05 lbs. fat, and the eight cows owned by Richard Boxmayer averaged 773 lbs. milk, 30.92 lbs. fat. There were 197 cows tested, and during the month 9 unprofitable cows were butchered. Twenty-two members are feeding balanced rations. One member through the elimination of a boarder and a change in feeds reduced his production cost from $3 to $1.60 per 100 lbs. W. A. Wegner is the tester in charge of this association.

Cow Testing in Oneida County

351 cows were tested in the Oneida County, N. Y., Cow Testing Association during March; 83 made over 1200 lbs. milk, 18 over 1500 lbs. and 4 over 1800 lbs. The leading milk producer was the grade Holstein cow, Blackie, owned by H. A. and E. J. Gallup. She made 2101.8 lbs. milk, 63.1 lbs. fat. The Messrs. Gallup herd of 11 cows averaged over 55 lbs. milk per cow per day, despite the fact that some of them had been in milk since October.

The leader for fat production was also a grade Holstein. She is Topsie, owned by W. S. Bardwell. During the past three months she has produced 195.1 lbs. fat. The registered 2-year-old Holstein, June 2d, owned by Clifford E. Gallup, has produced 6115.7 lbs. milk, 201.3 lbs. fat in five months. At the present time she is milking around 40 lbs. per day. Clifford, who is only 15 years old, raised this heifer, has fed and milked her during the time she has been on test.

The leading cow of the Association for the first nine months is O. J. Alberding's cow, Star which has produced 12164.8 lbs. milk and has made a net profit of $249.85. At the present time she is milking around 60 lbs. per day.

J. W. Sloane, Tester.

Eight of The Ten Indiana Leaders are Holsteins

The highest producing herd in all the Indiana cow testing associations during December was the pure bred Holstein herd consisting of 16 cows owned by Morgan Bros. of Chesterton, their average being 42 lbs. of butterfat.

In the five associations, 1166 cows were tested during December, of which 243 were pure bred. Three hundred twenty-eight cows were dry; 94 cows made over 40 lbs. of butterfat during the month and no less than 271 averaged a pound of fat a day during the month. Pure bred Holsteins show up well. Of the ten highest producing cows, the first two, the fourth, sixth, seventh, ninth and tenth were registered Black and Whites, No. 8 in the list being a grade Holstein owned by Marcene Haxton of the Porter Association. The other two in the list were grade Jerseys.

Porter County Association furnishes the first two cows. Morgan Bros. own the leader, 2192 lbs. milk, 72.2 lbs. fat, and Thomas Keene is second with 2213 lbs. milk, 70.8 lbs. fat. The Por-

ter Association has all of the eight Black and White animals in the list of the leading ten cows. Number 4 on the list is a pure bred Holstein owned by Homer Homfeld with 1941 lbs. milk, 67.91 lbs. butterfat. One of the Morgan Bros.' pure breds has made 68.7 lbs. fat; another 61.3 lbs. fat, and still another 63.7 lbs. fat. Anderson Bros. have the ninth high record cow, a registered Holstein with 1457 lbs. milk, 59.7 lbs. fat.

Richfield Association Finishes First Year

The Richfield, Wis., Testing Association finished its first year of work Feb. 5th, 1921.

Of the 370 cows started in test during the year only 265 finished the year's work. Thirty-five were sold as breeders, 43 cows were sent to the block, and eight died from various causes during the year. Twenty cows qualified for the Wisconsin Register of Production by producing at least 365 lbs. of butterfat for the year, that is an average of 1 lb. a day. The average for the 25 herds was 7479 lbs. of milk, 269.2 lbs. butterfat. Six herds average over 300 lbs. butterfat for the year. These six herds averaged $2.39 for each dollar in feed. As the average price paid for butterfat was not uniform, every farmer charged the cow with the actual cost of feeds and credited the amount received for the butter production.

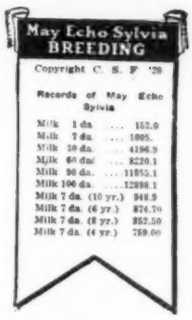
HERD AVERAGES

Owner of cows	No. cows	Lbs. milk	Lbs fat
Ambros A. Wiedmeyer	13	10463	371.3
John Kroehler.....	8	9821	355.3
Will Schulteir.....	8	8925	344.2
A. Stiphen.....	8	8854	333.1
Henry Schowalter.....	6	9947	309.0
Fred Hembel.....	8	8312	306.5

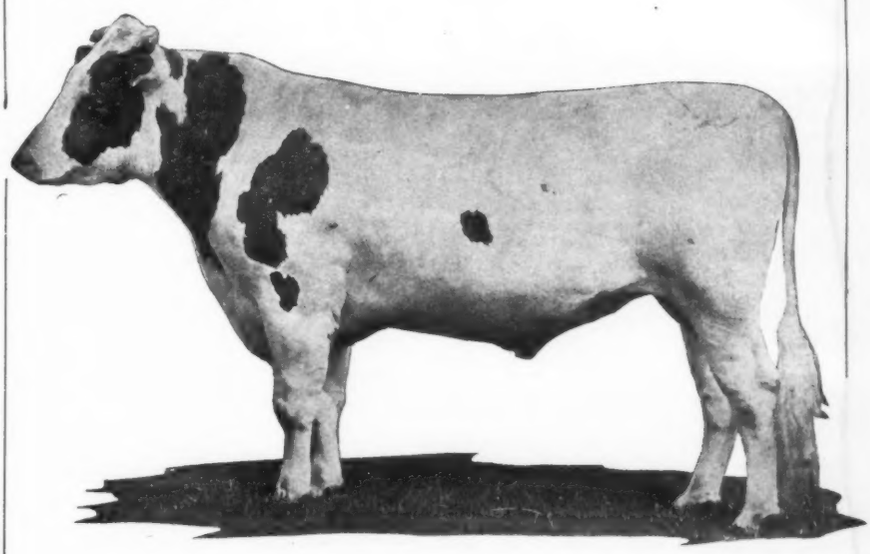
The highest producing cow was the pure bred Holstein Johanna Pontiac Segis De Kol owned by Ambros Wiedmeyer, she making 14,456 lbs. milk, 497. lbs. fat. Six of the ten highest individuals are pure bred Holsteins and one of the others a grade Holstein:

Ten High Cows in Richfield Test Ass'n

Ambrose A. Wiedmeyer				
Johanna Pontiac Segis De Kol				P. B. H.
6y	14456	3.44	497.1	217.21
Will Schultier—Dolly, Scrub				
7y	11700	4.60	475.4	218.43
Fred Hembel—Guernsey-Scrub				
7y	9494	4.90	465.1	228.66
Ambros A. Wiedmeyer				
Novelty Bell Ormsby				P. B. H.
7y	14119	3.30	465.0	211.43



Champion Echo Ladoga



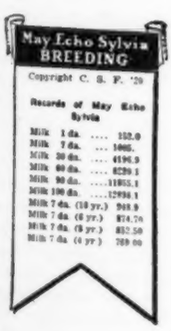
His Dam One of The World Record Twins

Champion Echo Ladoga is a grandson of May Echo Sylvia through her best proven son, Champion Echo Sylvia Pontiac. His dam is North Country Ladoga Alice, a 31-lb. heifer, one of the world record twins and sister to the youngest heifer in the world with three 30-lb. records.

When you think that his two nearest dams average over 36 lbs. of butter from over 780 lbs. of milk, you appreciate something of his great backing.

We have sons of him from some of our highest record butter-producing cows with exceedingly large milk records that we can price reasonable enough to make them attractive propositions for the progressive breeder. We should be glad to send you pedigrees of them and give you such other information as you wish.

North Country Farms Watertown, N. Y.



King Waldorf Sylvia

This is our new herd sire—an inbred May Echo Sylvia bull. He is sired by Champion Echo Sylvia Pontiac, from Lady Waldorf Sylvia, world champion ten months daughter of the same great sire.

In ten months under strictly official test his dam produced 903 lbs. butter and 19947 lbs. milk, both of which are world records under that test.

He will be used on daughters and granddaughters of Sir Waldorf Lad Jr., a double grandson of Johanna Rue 3d's Lad.

HIS 10 NEAREST DAMS AVERAGE
BUTTER 37.29

HIS 20 NEAREST DAMS AVERAGE
BUTTER 33.00

HIS 30 NEAREST DAMS AVERAGE
BUTTER 30.00

SCUDDER FARMS Trenton, N. J.

Melius Bros.
Johanna Soldene Piet, P. B. H.
6y 11196 4.07 456.1 179.77
Ambros A. Wiedmeyer—Rosy—G. H.
8y 11749 3.80 455.0 164.57
Ambros A. Wiedmeyer
Viola Beets Burke P. B. H.
8y 12942 3.48 452.7 181.65
Will Schultier—Spottie, Scrub
5y 11069 3.0 430.6 190.84
John Kroehler
Petunice Blue Bell P. B. H.
4y 11571 3.5 413.3 167.91
John Kroehler
Blue Bell Heng. De Kol P. B. H.
8y 11721 3.5 413.1 175.74

Holsteins Shine in Massachusetts

In the Central Berkshire, Mass., Cow Testing Association 28 out of 52 cows that made over 40 lbs. of butterfat during March, were grade or purebred Holsteins and 8 out of 11 heifers that made 30 lbs. of butterfat or over were grade or purebred Holsteins. The leading cow in the Association for the month was a registered Holstein owned by Arthur Teot of Lanesboro which made 2062 lbs. of milk and 88.67 lbs. of butterfat.

T. F. Coyle, Supervisor.

Wisconsin Cow Testing Association Work

The results in 75 cow testing associations are reported in the Wisconsin February Monthly News Letter, which was issued under date of March 28 from Madison.

A registered Holstein owned by Epa Debores of Wood County No. 1 Association leads with a production of 115.5 lbs. fat. A grade Guernsey is second with 98.4 lbs. fat, a grade Holstein owned by T. A. Marchant & Son is third with 94.47 lbs. fat; a registered Holstein owned by John Pfingsten is fourth with 92.6 lbs. fat, and a grade Holstein owned by Gunnar Berge fifth with exactly 91 lbs. fat. There was one cow over 100 lbs., five between 90 and 100 lbs., and 13, of which 11 were Holsteins, between 80 and 90 lbs. Of the 75 Association leaders, 48 were Holsteins, of which 26 were registered cows.

In the herds the breed makes even a greater showing. 74 associations reported the breeding of their leading herd. The first, second, third and seventh are registered Holsteins, the fourth herd consists of registered Holsteins and Guernseys, the fifth is a grade Holstein herd, the sixth is a herd consisting of mixed registered and grade Holsteins. There is a tie for the seventh place between a registered and grade Holstein herd and one consisting of purebred Holsteins only, while a registered Ayrshire herd is ninth. In other words, Holstein blood predominates in seven of the eight leading herds, and enters into the composition of the other herd. 50 of the 74 herds leading their respective associations are either registered or grade Holsteins or consist of registered and grade cows of this breed. 18 of the 74 are Guernseys, one is a Jersey, two are registered Ayrshires, two are grade Guernseys and one is grade Jersey, while one is reported as mixed.

The high producing herd like the high producing cow is owned by Epa Debores, his nine registered Holsteins averaged 1773 lbs. milk, 68.7 lbs. fat. John Pfingsten's six registered Holcharge and he reports that they have steins are in second place with an average of 1719 lbs. milk, 65.3 lbs. fat. The purebred Holstein herd of John Mayer is in third place, his seven cows averaging 1656 lbs. milk, 56.4 lbs. fat.

To furnish 48 of the 75 herd leaders and 50 of the 74 leading herds is evidence that Wisconsin Holsteins are the leaders in their state. We are accustomed to look for the breed to make a wonderful showing in Wisconsin Cow Testing reports, and the Black and White cows never disappoint us.

Holsteins Show up Well in Oregon

The February report of the Rogue River, Oregon Cow Testing Association shows that the highest registered cow, Queen, is a Holstein owned by J. R. Hawes of Grant's Pass. She made 1442 lbs. milk, 56.23 lbs. fat. A registered Holstein, Fanny, owned by the same breeder, is third with 1433 lbs. milk, 54.45 lbs. fat.

Two hundred and thirty cows cows were tested in this association during the month of February; 25 cows produced over 40 lbs. butterfat.

The February report of the Nestucca, Oregon Cow Testing Association shows that 122 cows were tested during the month, of which nine made over 40 lbs. butterfat. The average for the entire association was 16.81 lbs. fat. The high cow was Pete, a grade Holstein owned by R. H. Saling, she making 1221 lbs. milk, 55 lbs. fat. Mr. Saling had the high herd, his ten cows averaging 1073 lbs. milk, 40.50 lbs. fat. Four of the nine honor cows were grade Holsteins of the Salinger herd.

The Clatsop County Oregon Cow Testing Association report for February shows that 372 cows were tested during the month; 24 made over 40 lbs. fat, and the average for all cows in the association was 23.1 lbs. fat. The biggest producer was Dolly, a grade Holstein owned by Peter Johnson of Astoria, she making 1700 lbs. milk, 54 lbs. fat. The highest producing pure bred was the registered Holstein, Linde Clorinda Netherland of the Johnson herd, she making 1215 lbs. milk, 41.3 lbs. fat.

First Month a Success

The Whitehill Cow Testing Association, which operates in the vicinity of Whitehall, Wisconsin, completed its first month March 10th. A total of 21, 40-lb. cows were found, the highest producer being a grade Holstein owned by L. Rasmussen. She produced 1119 lbs. milk and as this tested 4.7 per cent, she produced 62.56 lbs. fat. Her championship in the association was very short, however, for she has already been passed by a grade Holstein, owned by Anderson Bros., this cow, Star producing 1193 lbs. milk with a 4.8 per cent test, making 57.5 lbs. fat. The highest herd consists of grade and registered Holsteins, and is owned by A. Hanson. They averaged 1167 lbs. milk, 40.2 lbs. fat.

Chester Ouweneel, who was formerly with H. W. Schroeder of Owatonna, Minn., is now the tester in plenty of good stock in the Whitehall Association, only it had never been demonstrated, as this was the first time the majority of the owners or the cows were in a cow testing association. One of the members intends to buy ten head of pure bred Holsteins to replace her milking Short Horns.

Holsteins Show Prominently in California Cow Competition

The report of the California State Dairy Cow Competition for the month of February shows that 246 cows in milk during the full month produced an average of 1107 lbs. milk, 45.8 lbs. butterfat. The average length of time these cows were in milk at the beginning of the month was exactly 100 days. The pure bred Holstein, Princess Maida Veeman, owned by Earl Graham of Compton, leads the list with a production of 2858 lbs. milk, 109.16 lbs. butterfat, made as a junior 3-year-old. A grade Jersey is the only other animal to make over 100 lbs. fat during the month. Three cow, one of which is the registered Holstein, Moorland Colantha Rose, produced between 90 and 100 lbs., Rose's figures being 2977 lbs. milk, 94.38 lbs. fat. Four animals of which three were Holsteins, produced between 80 and 90 lbs. fat and eight between 70 and 80 lbs.

The California Cultivator, a farm paper circulating largely in the state, offers a prize every month for the highest averaging production of five grade animals. For the third time this was won by animals owned by Earl Graham. His five cows made 62.03 lbs. fat, but as they were not full age, they received a handicap and are credited with an average credit of 71.08 lbs. fat.

The owners of Holstein cows producing 50 lbs. or more butterfat during February are: Dean Beeman, Woodland; Bonnikson Bros., Ferndale; Nelson L. Browning, Hemet; Burr Farms, Los Angeles; M. J. & B. A. Edwards, Ripon; Earl Graham, Compton; L. A. County Farm, Hondo; Napa State Hospital, Inola; F. F. Pellissier, Whittier; Olga Saxer, Modesto; University Farm, Davis; H. L. Wakeham, Santa Ana; H. Walrath, El Centro.

Stood up for American Records

Walter Rapp, vice-president of the Brockton, Mass. Agricultural Society, married a girl from New Zealand, and he and his wife and daughter were recently visiting Mrs. Rapp's home country. While there, the Auckland Weekly News had an article on milk production, and in this article, occurred the following statements: "If American statements are to be believed, Holsteins hold the world's record with over 1,200 lbs. butterfat". Also: "we cannot guarantee the American records." Mr. Rapp took exception to the statement, and told them of the way official and semi-official records are made in this country, and illustrated his letter by description of some of the cattle in the Field herds, which are located in his home city of Brockton.

Conservation of Energy

Small Boy: "What's the use of washing my hands before I go to school, mother? I'm not one of those who are always raising them!"—Cartoons.

Shopper: "I want to get a fashionable skirt."

Saleslady: "Yes. Will the madam have it too tight or too short?"

WITH THE STATE SECRETARIES

A Department for State Organizations

NEW JERSEY ON THE JOB

Four months ago New Jersey breeders would have been astonished if someone had told them what Holstein activities were going to take place in this little state. Since February 1st, our Holstein boosters have been before the legislature on six different occasions. As a result of our first appearance at the state house, we were granted an emergency appropriation of $30,000 for accredited herd work. Next year's budget was increased from $50,000 to $75,000, and the way herds have been tested lately is something at which to marvel. 15 herds in South Jersey, 20 herds in Somerset, and just a bunch of them in the other counties. New Jersey is fast climbing up the health ladder. About 100 new herds will get a share of the emergency fund. We are proud to state though, that there are herds among the hundred that have gone through their first test and no reactors have been found. The breeders have been right behind some other legislation.

Our legislature has been full of bills affecting the dairy interests. The first one requires at least eight per cent milkfat in ice cream. Some unscrupulous oil concerns have tried to amend the bill to read "Eight per cent fats." Another bill receiving our attention is a proposed Board of Health requirement, that all milk in the state must be pastuerized or come from tuberculin tested cows. The third is to prevent the sale as milk or as a milk product, a mixture containing foreign fats not having the same growth promoting properties as milk fats do. At a hearing at Trenton, March 28th the "Foreign Oils" concerns were represented by ten lawyers and a number of chemists. The breeders had Dr. McCollum on hand to speak for the course of milk. For four hours the debate waxed hot, and we sincerely hope that by the time this goes to press, no more cocoanut oil can be used in New Jersey for cream.

On Friday night March 25th, the secretary met with several Holstein men in Burlington and Ocean counties. After discussing the real value of a local association a unamimous vote was taken to organize a Burlington Ocean County local. Mr. Tresch, manager of Rancocas Farms, Jobstown, was elected president. Charles V. Atkinson, New Egypt, vice-president, and Fred Gaunt, Jobstown. secretary treasurer. The date of the next meeting was set as April 19th, when F. T. Price, will be on hand to talk to the breeders. Every man present gave the name of someone he would bring to the next meeting, when directors will be chosen and a constitution and by-laws will be adopted. Mr. Tresch, kindly opened his home for the meeting and took those present through the wonderful outlay of barns after the business of the evening was over. Burlington county is the largest county in New Jersey, and is widely known as a fruit county. There are a great many herds of cattle in this section however, and the pure bred Holstein is getting a good start in several communities of the county. By the election of Mr. Tresch to president of the new local, he becomes a member of the executive committee of the State Association.

To date the secretary has had the primise from five locals of a county show herd, at the State Fair this fall. Last fall over 80 Holsteins were sent in from the different counties and we look for over 100 head this year. Salem and Cumberland counties are leaving no stone unturned in preparation for a show herd to beat Somerset.

The idea of community breeding is fast spreading through the local clubs. The question now comes as to just what bulls to tie up with. New Jersey has strong lines of Ormsby and King Segis breeding and no doubt these two lines will be stressed. A meeting was called at Woodstown recently to discuss this subject. President Aitken, W. A. Prescott and W. D. Robens, of Poland, N. Y., kindly gave up one evening during the Brentwood sale to go over to this meeting, but bad weather kept them from having a good crowd.

The sale committee had about all the quota of animals selected for the State Sale, June 9. They have selected the best. Individuality has been uppermost in the minds of the committee and they have chosen only straight cattle.

Junior Dairy Clubs are really doing things in Jersey this year. Joseph Turpin, club agent in Mercer county has secured 15 calves through the State Association for Club work. Mr. Turpin recently held a club meeting of boys and parents to discuss accredited herd work. The calves used by the club boys are tuberculin tested, and each boy's father has been urged to place his herd under state supervision. Such club work is real constructive extension work.

Local Activities

The program committee of the Somerset-Hunterdon Association has drawn up the following program of meetings with subjects for the year: February, Contagious Abortion and Sterility; April, General Feeding Talk; June, Holstein Sires and their Performances; August, Picnic and classes of different ages to be judged by good judge; October, Value of Official and Semi-official testing; December, Annual Meeting Banquet.

At the first meeting held March 24th, Dr. J. H. McNeil gave a practical talk on Abortion and Sterility. At this meeting the association voted $50 in cash prizes for club work in the county. Bernhard Meyer has donated a pure bred heifer calf as first prize for the contest.

On Feb. 28th, the Mercer County Club held the first of their program of meetings for the year at Crosswicks, the topic for this meeting was Junior Culb work. Prof. A. M. Hulbert, State Club leader of the New Jersey Extension Department gave a fine talk on the value of dairy club work among boys and girls. The Mercer Club has committees on Better Bull Campaign. Accredited herd work, club work, County show herd and cow Testing Associations. At each meeting of the club the President calls on each chairman for a report. It is needless to say every chairman does not let a month go by without doing some work on the project. On March 31st, Dr. J. H. McNeil, gave the Mercer Club a talk on Tuberculosis eradication. 50 men were present. Those who had recently had their herds tested, spoke very enthusiastically about the test.

In the South Jersey District Local Secretary Bullard reports that two extra fine young bulls have recently been purchased from Winterthur Farms. Forty head of cattle have been selected for the South Jersey Sale, May 25th at Woodstown, N. J.

Wyoming County Will Hold Sale

The Wyoming Holstein Club has made arrangements to hold a consignment sale on April 26th. This sale will be held at the F. C. Stevens Farm near Attica, and 55 head will be offered.

A committee from the club has personally selected these animals and they are said to be a good lot. They will be sold subject to a 60-day retest guarantee and most of the animals have been taken from herds under Federal Supervision.

At the recent meeting of the Wyoming County Club, A. J. Walker of Attica, was elected president. The other officers include vice-president, Ernest Holmes, of Strykersville, secretary, Leslie Hogue, of Arcade; treasurer, Charles Linsey of Attica. Vice-president Holmes was elected delegate to the State Advisory, Council.

State Fair Commission Offers Prize At National

The New York State Fair Commission has offered a prize of $500 to the State Holstein Association sending the best consignment to the Second

National Co-operative Sale, which is to be held in Syracuse on June 2nd, 3rd and 4th. The consignments will be judged on the basis of individuality and condition, and all animals consigned from a state must be shown. New York State Holstein Association has decided not to compete for this prize.

The New York State Fair Commission is to be commended for their generosity and fine spirit of co-operation in offering this prize. They are rendering the association fine service in making arrangements for handling the sale at the State Fair grounds.

The commission has already started plans for their great exposition on September 11-17, and it is expected a great Holstein show will be present.

North-Eastern New York Yearling Makes 21.89 lbs.

Director H. L. Stafford. of Peru, reports a record of 414.2 lbs. milk and 21.89 lbs. butter on North Bend Aaggie Abbekerk at the age of 23 months, 15 days. This record was made 20 days after freshening.

Mr. Stafford states that this good record is due largely to the information he gained by attending the annual meeting of the New York Holstein-Friesian Association and making use of the opportunity to discuss with many of the older breeders their plans for feeding heifers on test.

Stubbs Farm Cow Breaks State Milk Record

New high marks for milk production for the state of Kansas have been set in the 7 and 30-day divisions by Genista Knoll De Kol, a cow owned by Stubbs Farm company at Mulvane. This great cow recently completed a record of 30.58 lbs. butter from 756 lbs. milk and in the 30-day division broke the state record for milk as well as for butter with 3112 lbs. milk containing 124.6 lbs. butter. Her best day's milk is given as 126.8 lbs. which is also a state record, while her best 7 days' milk which does coincide with her 30-lb. record for butter is 815 lbs. She made this wonderful record just a few months after finishing a ten months record of 20,900 lbs. milk containing 724 lbs. butter both of which are state records and were reported in the World not long ago. She is being run on semi-official test again and in the first 100 days has averaged better than 104 lbs. milk in a day.

The new champion is a Kansas bred cow, being a daughter of Korndyke Butter Boy Jr. and Genista 3d, the latter with a ten year old record of over 25 lbs. butter from 672.8 lbs. milk. In one day the dam produced 102.5 lbs. milk and this is believed to be the only case in Kansas of a dam and daughter having better than 100 lbs. milk in a day each.

Stubbs Farm also reports the first 30-lb. repeater in Kansas. She is Pearl Korndyke Burke with 31.79 lbs. butter from 591 lbs. milk. This is the same cow that last year made a record of 30.54 lbs. which was one of the first 30-lb. records ever made in Kansas. She is now the first cow in Kansas to make a 30-lb. record in two different years.

Mark Abildgaard, manager of Stubbs Farm also reports a 27-lb. record on Daisy Netherland Onnis, a 25-lb. record on Siempke Josephine Gem Pietertje and a record of 26.5 lbs. on a 3-year-old Beauty Gerben De Kol Gem. Both long and short time testing is being done with considerable success at Stubbs Farm which is one of the leading Holstein establishments in the Sunflower State.

(Continued from page 38)

a splendid lot of calves they are, showing good top lines, great depth and a remarkable udder development with plenty of dairy quality. Chloe is now being bred to Sir Piet 37th and Mr. Schroeder is expecting a junior herd sire to materialize from this service, in which event he would be mated with the daughters of the other Chloe bull. This will be pretty close line breeding as the two bulls will be three-quarter brothers but Mr. Schroeder believes that the good qualities of Chloe and of Sir Pietertje Ormsby Mercedes make the experiment in line breeding worth while.

Established **Brookside Herd** *In 1876*

The Fountain Head of Holstein-Friesian Aristocracy

R. J. STEVENS, Owner **Liverpool, N. Y.**

Some Man Will Win If He Gets This Calf

Born Feb. 12th, 1921

Sired by SIR PONTIAC WALDORF PIETJE whose dam and full sister both have over 36 lbs. as four-year-olds.

Dam, Floa Hadria Johanna Korndyke with record of 25.12.

His Full Sister at 2 years and 1 month has recently made 19.99 of butter from 408.3 lbs. of milk in 7 days; 82.64 of butter and 1736.7 milk, 30 days. She is on semi-official test now and in 95 days she has been on test has milked over 5000 lbs.

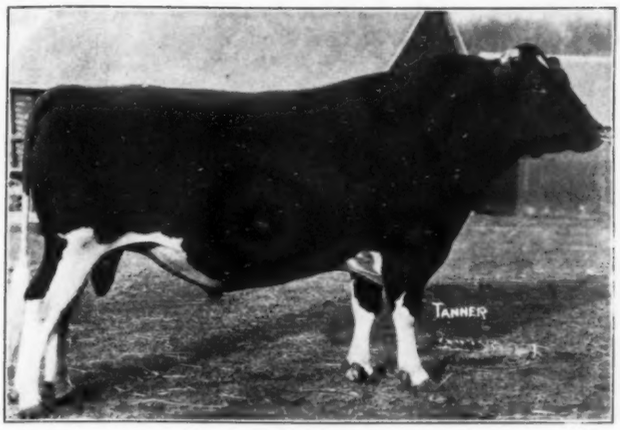
Another sister, from the same dam, has just recently made for us, 29.81 of butter from 553.4 of milk in 7 days and milked as high as 90.6 lbs. in a day, as a junior 3-year-old. She is also on semi-official and in 95 days to April 1st has averaged 80 lbs. of milk a day.

Another sister as a junior three-year-old last year made 24.95 of butter for us while we also have another sister, in fact a full sister now a yearling, that is a wonderfully promising heifer.

That makes four sisters to this young bull in our herd from the same dam, two with exceptionally fine records as three-year-olds and the other a wonderful two-year-old. Then consider that we have about sixty sisters to him by the same sire all of whom are here in the herd and you will realize that this calf is to have and has got some wonderful blood that will increase in value every day.

LIKE HIM? BUY HIM AT FARIBAULT

TO BE SOLD IN THE STATE SALE



FARIBAULT MINNESOTA MAY FOURTH

PRINCE DE KOL OLLIE

JUST FIVE YEARS OLD

First two daughters made 16 lbs. at 22 months and 17 lbs. at 2½ years—both from over 400 lbs. milk.

Sired by Piebe

His sire, Piebe Laura Ollie Homestead King, is the world's greatest sire of 20,000-lb. 2-year-olds. He has three 30-lb. daughters and three 1000-lb. daughters—all heifers.

From a Great Dam

He is from the same dam as Beauty Girl Pontiac Segis, a 37-lb. junior 3-year-old with 1112 lbs. in a year.

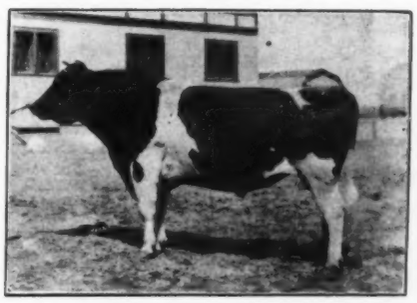
HE IS A SHOW BULL AND SIRES SHOW STOCK

Reese Bros. **Goodhue, Minnesota**

The Finest Individual Daughter of Piebe

EVER OFFERED AT PUBLIC SALE

Will Be Sold
At Faribault, Minnesota
May 4th



PIEBE LAURA OLLIE HOMESTEAD KING

32 A. R. O. daughters
3 heifers above 30 lbs.
3 heifers above 1000 lbs.
"The World's greatest sire of 20,000-lb. 2-year-olds"
Piebe was Grand Champion
His sire was Grand Champion
His son was Grand Champion
All at State or National Shows

FAR OAKS MISS HOMESTEAD RUE

Born March 2, 1918

2d Prize at Minnesota State Fair.
Placed at Cattle Congress and National.
Member of Get-of-Sire that won second at Minnesota and Waterloo, 3d at Chicago.

Year Record at 2 Years 11 Days:
Butter 726 lbs. Milk 15702.4 lbs.

Made while spending eight weeks on the show circuit.
Bred to Sir Inka Superior Segis
Undefeated in Show Ring—Junior Champion at National.

MINNESOTA HOLSTEIN CO.

V. S. Culver, Sec'y and Manager **Austin, Minnesota**

WHEATFIELD FARMS

First Annual Consignment Sale

150 HEAD 150

PUREBRED HOLSTEIN CATTLE

AT AUCTION!

We believe no breeder can afford to pass by this exceptional opportunity to select at his own price such of the very choice animals which will make up the sale as he desires. The consignments comprise the very cream of some of the best of New York and Pennsylvania Herds. There are no culls but only choice, hand picked cattle, the kind every progressive breeder likes to have in his herd. Every one a good individual.

ABSOLUTE DISPERSAL—HURD FARMS GREAT HERD

We wish to especially point out the unusual opportunity breeders will have in bidding on this high class collection of Holsteins. Mr. Clark Hurd is consigning his entire herd of 27 head, a herd which represents years of careful selection and inter-breeding by a man who knows a good Holstein when he sees one. Although all cattle sold in this sale will be tuberculin tested by an approved State veterinarian prior to the sale, it should be of especial interest in connection with the Hurd Consignment that not a single animal in this collection has ever reacted.

LIST OF CONSIGNORS

Clark Hurd, Buffalo, N. Y.
W. C. Houck, Chippewa, Ont.
Pine Grove Farms, Elma, N. Y.
Rancocas Stock Farm, Jobstown, N. J.
Jabez Smith & Son, Newark Valley, N. Y.
Syracuse University Farms, Syracuse, N. Y.
Campbell Farms, Wilson, N. Y.
Franklin J. Weil, Lancaster, N. Y.
C. B. Fletcher, Evans Mills, N. Y.
R. J. Stevens, Liverpool, N. Y.
J. G. Kerrick, Towanda, Pa.
D. B. Armstrong, Watertown, N. Y.
Fred Daniels, Houghton, N. Y.
J. T. Shanahan, E. Aurora, N. Y.
Harry Yates, Orchard Park, N. Y.
Geo. N. Smith, Watertown, N. Y.
G. A. Abbott, Cortland, N. Y.
Dold Bros., Alden, N. Y.
W. L. Johnson, Vestal, N. Y.
L. S. Dibble, Westfield, Pa.
J. C. Weil, Town Line, N. Y.
Wm. A. Williamson & Son, E. Aurora, N. Y.
McNeil-Randolph Holstein Farm, Randolph, N. Y.
Charles Eldridge, Porterville, N. Y.
C. L. Amos, Syracuse, N. Y.
Fred W. Zwilling, Lancaster, N. Y.

Don't Forget the Dates!

FRI. and SAT., MAY 20-21, 1921

To Be Held at —WHEATFIELD FARMS— *La Salle, N. Y.*

Midway between Buffalo and Niagara Falls)

On the Niagara River Road adjoining Tonawanda. Niagara Falls Trolley Cars direct to Farm Gates.

ANNOUNCING THE WISCONSIN HOLSTEIN BREEDERS STATE ASSOCIATION SALES

WISCONSIN'S
Holstein Sales Classic 1921

ANNOUNCING THE WISCONSIN HOLSTEIN BREEDERS STATE ASSOCIATION SALES

MAY 17

WISCONSIN BREEDERS ANNUAL STATE SALE

MILWAUKEE STATE FAIR GROUNDS

65 HEAD OF WISCONSIN TYPE PRODUCTION BREEDING

ANNUAL MEETINGS WITH OPEN HOUSE, BANQUETS, SPEECHES AND ENTERTAINMENTS THE DAY AND NIGHT BEFORE THE SALE

MAY 26

WISCONSIN BREEDERS NORTHERN STATE SALE

MARSHFIELD SALES PAVILION

70 HEAD OF WISCONSIN FAMOUS FOUNDATION FAMILIES

DOES IT MEAN ANYTHING TO YOU AS A BUYER TO KNOW THAT A COMMITTEE MADE UP OF BILL BAIRD, JERRY RIORDAN, FRANK EVERSON, FRED SOUTHCOTT, RUDOLPH SCHAEFER AND ADDISON KAYE HAVE BEEN TOURING THE STATE LOCATING AND PRYING LOOSE THE GOOD ONES—THE KIND THAT BREEDERS HATE TO PRICE AND WHICH THEY CAN ILL AFFORD TO SELL. THEY ARE THE ONLY KIND WE CATALOGUE IN SALES UNDER THE AUSPICES OF THE WISCONSIN STATE ASSOCIATION. YOU KNOW WHAT OUR STATE SALES HAVE BEEN IN THE PAST. YOU WON'T BE DISAPPOINTED IN THESE THIS YEAR. JUST A ONE DAY SALE AT EACH PLACE. WATCH FUTURE COPY IN THIS MAGAZINE FOR FULL INFORMATION AND PARTICULARS.

THE HOLSTEIN-FRIESIAN ASSOCIATION OF WISCONSIN

L. L. OLDHAM, Secretary

241 Washington Bldg. Madison, Wisconsin

ILLINOIS

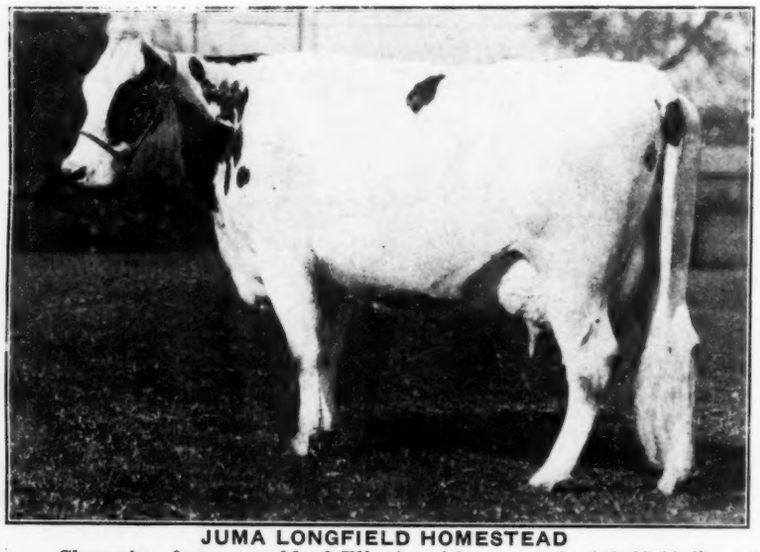
WHEATON, ILLINOIS

25 Miles West of Chicago

TWO DAYS—

125

MAY 6th 75 COWS and HEIFERS



JUMA LONGFIELD HOMESTEAD
Champion four-year-old of Illinois with a record of 1035.66 lbs. of butter and 24,655.5 lbs. of milk in 365 days.

All Animals Tuberculin Tested, Sixty to Ninety-Day Retest Guarantee

You Get the Papers on Every Animal the Day of Purchase

Sale Under Management of
ILLINOIS HOLSTEIN-FRIESIAN ASS'N

Featuring:—

JUMA LONGFIELD HOMESTEAD, the champion 4-year-old of Illinois in 365 day work. Record 1035.66 lbs. butter, 24,655.5 lbs. milk.

The first prize A. R. O. cow at the last National Dairy Show, one of the greatest cows of the breed weighing over two thousand pounds at the present time. Her record is 20,418 lbs. of milk, 922 lbs. of butter for 365 days and 31 lbs. of butter in seven days.

Her daughter who will freshen before the sale and be given a test is also offered.

Several cows with 30-lb. records in 7 day work.

Ten cows with yearly records up to 1036 lbs. of butter.

20-lb. two-year-olds.

Thirty heifers all from good record dams sired by bulls out of high record dam.

Five daughters of a 35-lb. bull.

A daughter of the Junior two-year-old now breaking the State record with a production of over 20,000 lbs. of milk and better than 900 lbs. of butter.

All good individuals, and all from clean herds.

All tuberculin tested with sixty to ninety day retest guarantee.

Some fresh, some bred, many open, some soon to freshen.

This sale is under the management of the Illinois Holstein-Freisian Association.

Only choice, typey individuals have been selected by the sales committee—showing winners can be found among the offering—some real prospects.

The breeders of Illinois have given of their best in getting this consignment together. These animals could not be bought at private treaty at what they will bring in the sale. This is your opportunity to buy at your own price.

The Sale Will be Held at Wheaton, Ill.

HAEGER—MACK—WOOD **25 Miles West of Chicago**

STATE SALE

MAY 6 and 7

WHEATON, ILLINOIS

25 Miles West of Chicago

HEAD

MAY 7th 50 BULLS—GOOD ONES

Offering:—

Bulls from yearly and seven-day record dams. Bulls from cows that have produced up to 1050 lbs. of butter in 365 days.

Bulls of serviceable age from dams with records up to 32 lbs. of butter in seven days.

Sons of two-year-old heifers with records up to 887 lbs. of butter and 18,929 lbs. of milk in 365 days.

Many from 26 to 30-lb. dams.

All good individuals, everyone of them.

All from famous blood lines such as King Pontiac Champion, Hengerveld De Kol, Emblagaard Tritomia Homestead, King Segis Pontiac, King Segis, Colantha Creamelle Sir Aaggie, Spring Farm King, King Segis Champion and Sir Pietertje Ormsby Mercedes.

This is the first bull sale to be held in Illinois under the management of the Illinois Holstein-Friesian Association.

Only the best individuals and animals out of heavy producing dams, and good record sires are in this sale.

Most of the bulls are old enough for service.

Everything in the sale, male and female is guaranteed as to health. Every purchaser will receive registration papers on the day of purchase and have application for transfer made out in his name without delay.

This sale offers all Holstein breeders wide selection of good foundation stock in females and an extraordinary opportunity for securing a herd sire from heavy producing ancestors.

All Animals Tuberculin Tested, Sixty to Ninety-Day Retest Guarantee

You Get the Papers on Every Animal the Day of Purchase

SALE AT WHEATON, ILL

25 miles west of Chicago. Train leaves Chicago every hour on the Chicago & Northwestern Railroad, or Aurora & Elgin Electric.

Visitors should make Hotel reservations in Chicago, Aurora, or Elgin.

Sale starts each day promptly at 10 o'clock.

Send For Catalog to Sales Committee

THE ILLINOIS HOLSTEIN-FRIESIAN ASS'N

130 North Wells Street, Chicago, Illinois

Gadski Almeda and Family

One of the coming long distance families is made up of Gadski Almeda and her daughters in the Sloan Brothers' herd at Ellendale, Minnesota. The old cow and her three daughters and also her full sister at Orchard Hill Dairy are all on year test and making records up to 1000 lbs. Probably all of them will be well advanced in the 800-lb. mark.

Gadski Almeda is sired by a good transmitting son of Beets Ormsby and has sisters with records up to 31 lbs. Her dam is Schilling Almeda, 23-lb. cow that produced 503 lbs. milk in a week on official test. The dam has four A. R. O. daughters including, besides the subject of this sketch, her full sister, Queen Almeda a 25-lb. cow also on year test.

The best record of Gadski Almeda was not made until she was ten years old when she produced 92.3 lbs. milk in a day and completed a week's test with 27.12 lbs. butter. She was put on semi-official test and in her first four months had 350 lbs. butter and is going very strong.

Her three daughters are credited in the Blue Book with records of 15 lbs. as a junior two-year-old, 18 lbs. as a senior three-year-old and 20 lbs. as a full aged cow, all of which have since been increased. All three are on year test and as we have said are expected to make better than 800 lbs. each, one of them going at a 1000-lb. gait. One of the pictures published on this page shows the heads of the old cow and her three daughters—a striking example of uniformity of type. Perhaps her best daughter is Princess Almeda Johanna who milked over 96 lbs. her best day. She is the one that is running at the rate of 1000 lbs.

The Gadski Almeda family is noted for its individuality as well as production, the old cow herself having won high honors in the show ring. Upon one occasion she defeated the cow that had place as high as third at the National Dairy Show.

Besides these three daughters of Gadski Almeda, Sloan Brothers have a son of her sired by Ormsby Sensation. This is the young bull that they are consigning to the State Sale at Faribault. Ormsby Sensation 14th, as they have named this youngster, is described as one of the most promising sons of his famous sire, who carries 75 per cent of the blood of Sir Pietertje Ormsby Mercedes 37th.

Ormsby Sensation, the sire of the young bull, will be remembered as the bull recently sold by Sloan Brothers to Julius Schmidt of Montgomery, N. Y., at a long figure. He is the son of the largest dairy cow in the world, Wisconsin Fobes 5th, who is further famous as the best individual daughter of Sir Piet 37th. She is also the Wisconsin state champion two-year-old with first calf having over 29 lbs. butter.

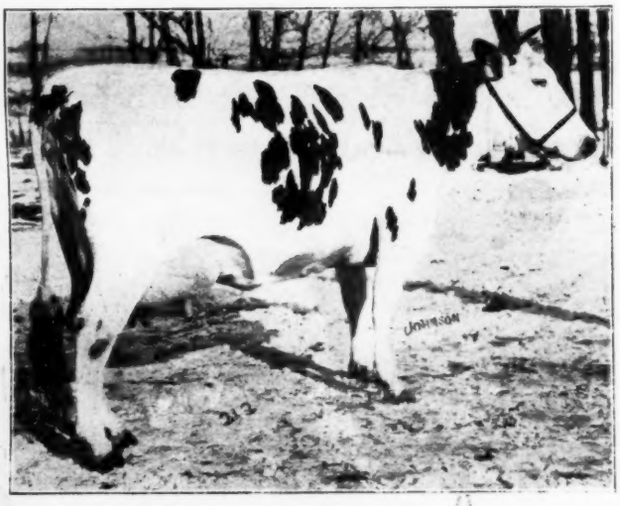
In addition to this bull, Sloan Brothers are sending to the State Sale a daughter of Ormsby Sensation out of a cow that made better than 22 lbs. butter from 503 lbs. milk as a senior two-year-old. This cow who has close to 400 lbs. butter in her first six months on semi-official test is a granddaughter of King Segis Pontiac Superior, a full brother to Count.

The Gadski Almeda family is considered by the owners to be one of the most promising families they have ever developed and every member will be given an opportunity on long test. It will be interesting to watch their work and to hear from them again when they have completed their year records.

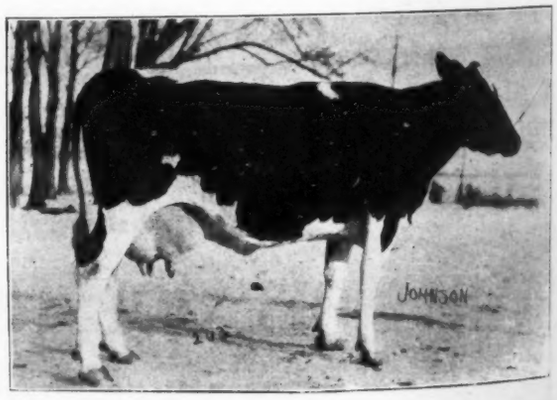
A STUDY IN UNIFORMITY
The heads of Gadski Almeda (left) and her three daughters. All are in semi-official test and are making records from 800 to 1000 lbs. All owned and developed by Sloan Bros., Ellendale, Minnesota.

WING EXPECTED BACK

Professor H. H. Wing, head of the Department of Animal Industry at Cornell University is returning from his sabbatical year of absence. He was due to leave Sydney, Australia, on March 30, sailing on the Ventura, and is expected to arrive at San Francisco about April 18. We shall expect the Professor to tell the Holstein breeders about the herds, sales, fairs and meetings he has attended during the past year.



QUEEN ALMEDA
A 25-lb. cow making a good year record. She is a full sister to Gadski Almeda. Owned by Sloan Bros., Ellendale, Minnesota.



PRINCESS ALMEDA JOHANNA
A coming 1000-lb. cow. Has milked over 96 lbs. in a day. She is one of the good daughters of Gadski Almeda. Owned by Sloan Bros., Ellendale, Minn.

Let's Get Away to a Fair Understanding and then —There Will be No Disappointments

There is just one bull in the world that I want to find. I know there are scores of men who will feel they have just this sire and it is from one of these men that I expect to get him, BUT, before you hasten to tell me about the one you have, please read CAREFULLY the specifications, and UNLESS you can comply with them, please do not ask me to consider your bull. The specifications are drawn to eliminate thousands of miles of travel and to find as quickly as possible and with as little effort just this one bull.

WANTED

A Proven Sire

He must be a show bull absolutely perfect in conformation.

An unretouched photograph must be sent.

He must have daughters in milk and must not be over six years of age.

Unretouched photographs of at least six of his daughters and their dams must be sent if possible.

Unretouched photographs of his dam and both grandams are especially desired, also of any maternal sister he may have.

His dam must have a creditable 7-day or year record, or both. It is desired she have proven daughters.

Grandam must have either a creditable 7-day or year record, or both, and it is desired she have several proven daughters.

The sire must have a creditable list of daughters in both 7-day and year work.

The bull must have proven himself able to sire daughters greater than their dams in point of conformation and production.

A complete five-generation pedigree with all records of dams must be submitted. Likewise a complete list of all the records of his daughters for both milk and butter in both 7-day and year work.

The photographs must be carefully marked for identification.

There is just one bull in the world that I want—and I want to find him quickly.

W. S. MOSCRIP

Lake Elmo, Minnesota

SOLD!!—

13 DAUGHTER

KING OF THE O

FOR $2,475

Only 13 daughters of King of the Ormsbys have e
public auction or private sale, all these were con
Philadelphia, Chicago, Syracuse and St. Paul, w
average price of $1729.00 per head.

Your experience in the buying and selling of Ho
that such an average is a mighty good one, especi
ered that—

Their average age was less than 15 months and th
of dams having made less than 28 lbs. of butter in
lbs.) and that the dam of one had no record at all.

But it was not the record of the dam that sold th
high average. It was the heifers themselves: the
uality, and the fact that they were sired by—

King of the Ormsbys, whose full sister is the only
and whose dam is the only four times 30 and 1000-

WINTERTHUR FARMS

Federal Accredited — 325

AUGHTERS OF

THE ORMSBYS

R $2,475.00

of the Ormsbys have ever been sold, either at sale, and these were consigned to sales held in Syracuse and St. Paul, where they brought an per head.

uying and selling of Holsteins has taught you mighty good one, especially when it is consid-

than 15 months and that 12 of them were out than 28 of butter in 7 days (from 15 to 27 ne had record at all.

of the dam that sold these heifers for such a heifers themselves: their outstanding individ- ey were sold by—

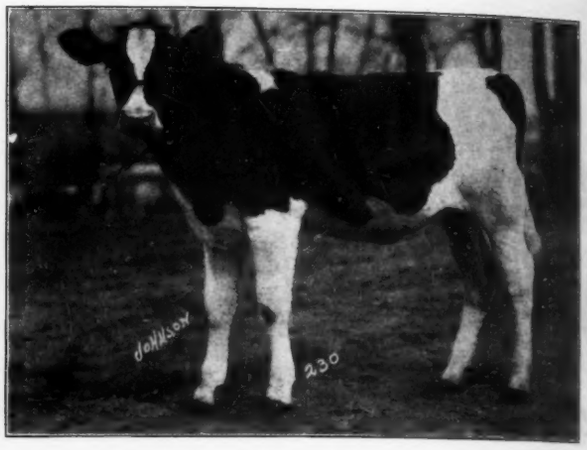
e full sister is the only three times 37-lb. cow four times 30 and 1000-lb. cow.

WINTERTHUR, DEL.

ndited herd — 325 Females

A Son of A Daughter of

ORMSBY SENSATION



ORMSBY SENSATION 14th
Consigned to the STATE SALE.
See his sire and dam below.

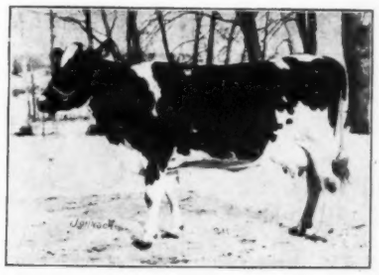
AT FARIBAULT
MINNESOTA
MAY - 4th

ELLENDALE QUEEN ORMSBY FOBES
A daughter of Ormsby Sensation from a 22-lb. 2-year-old dam on year test.

SIRE OF BULL CONSIGNED

ORMSBY SENSATION
A son of Sir P. O. M. 37th. Dam, Wisconsin Fobes 5th, the best individual daughter of 37th. She is the largest dairy cow in the world and Wisconsin State Champion First Calf 2-year-old.

DAM OF BULL CONSIGNED



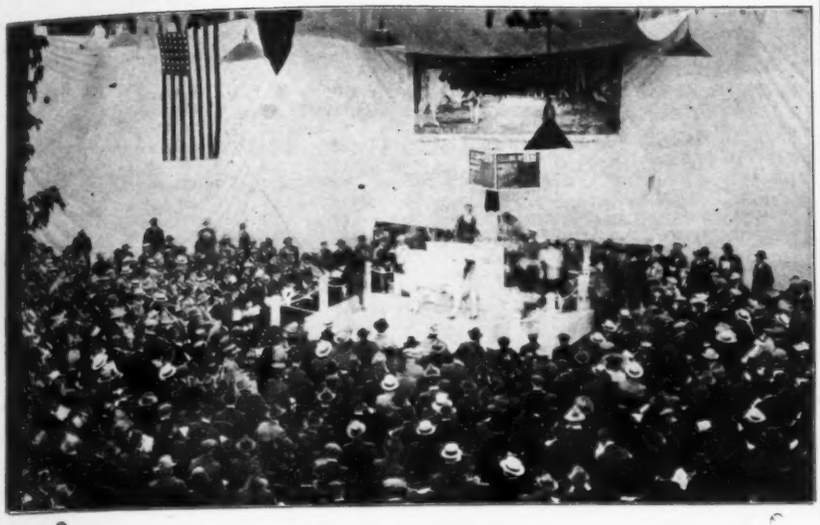
GADSKI ALMEDA
At 10 years:
Butter 27.10
Best day's milk 92.3
Now on semi-official. Three daughters on semi-official—one making 100 lbs. Foundation cow of one of the best families in our herd.

BE SURE TO SEE THIS PAIR AT FARIBAULT — They Are Two of Ormsby Sensation's Best

SLOAN BROS.

ELLENDALE **MINNESOTA**

Public Sale News



April 25-26—Waukesha, Wis., Waukesha Co., Breeders' Sale, W. L. Baird, Sec.
April 26—Attica, N. Y., Wyoming Co. Breeders' Sale.
April 26—Santa Anita, Cal., Santa Anita Rancho Sale (Anita M. Baldwin).
April 28—Cortland, O., T. A. Denman 1st annual.
April 30—New Woodstock, N. Y., L. E. Jones Dispersal.
April 29—Randolph, N. Y., McNell-Randolph Holstein Farms.
May 2—Elkhorn, Wis., Walworth County Breeders' Sale, Ben Bachuber, Mgr.
May 3—Owen, Wis., Clark County Quality Sale.
Schindel, Sec'y.
May 4—Lexington, Mass., Cary Farm Dispersal, E. M. Hastings Co., Managers.
May 4—Faribault, Minn., Third Annual Minnesota Breeders' Sale. B. D. Scott, Sec.,
May 4-5—Columbus, Ohio, Ohio State Sale, H. C. Barker, Sec., Tiffin, O.
May 5—Lake Mills, Wis., Lake Mills H. F. Breeders' Consignment sale, F. H. Everson, Mgr.
May 5—Faribault, Minn., Rice Co. Breeders.
May 6—Chicago, Ill., Illinois Breeders' Sale, R. N Thompson, Secretary.
May 9—West Salem, Wis., LaCrosse Co. Breeders Sale, F. H. Everson, Manager.
May 9—De Pere, Wisconsin Brown County Holstein Breeders' Sale.
May 10-11—Fond du Lac, Wis., Breeders' Sale.
May 10—Okemos, Mich., Kinney Dispersal Sale.
May 11—Carruthers, Cal., Dissolution of partnership, H. E. Spires and J. M. Crawford.
May 11, 1921—Middletown, N. Y., Martin Bros. Dispersal.
May 12—Monroe, Wis., Green County Breeders' Semi-Annual Consignment. H. D. Schindel.
May 12—Wausau, Wis., Marathon Co., Breeders' Sale, F. Darcey, Mgr.
May 13—Chippewa Falls, Wis., Chippewa County Sale.
May 17—West Allis, Wis., Wisconsin Breeders' State Sale
May 18—Howell, Mich., Livingston Co. Holstein Association, F. J. Fishbeck, Manager.
May 18, 1921—Howell, Mich.—Livingston County Holstein Sale.
May 18-19—Manitowoc, Wis., Manitowoc County Breeders' Sale.
May 19, 1921—Strykersville, N. Y., John Halbour Dispersal.
May 20—Plymouth, Wis., Sheboygan Co. Breeders' Sale, F. H. Everson, Manager.
May 20-21—LaSalle, N. Y., Wheatfield Farms Sale.
May 23—East Lansing Mich., Central Michigan Breeders' Sale.
May 24—Allegan, Mich., John M. Tobin Dispersal, Backus Bros., Pedigree Co. Mgrs.
May 24—Sedalia, Mo., State Breeders' Sale, C. M. Long, Mgr.
May 25, 1921—Salem, N. J., Salem-Cumberland Holstein-Friesian Breeders' Sale.
May 26—Grand Rapids Mich., Martin Buth Dispersal.
May 27—Appleton, Wis., Outagamie County Breeders' Sale
May 27—Grand Rapids, Mich., Michigan Breeders' State Sale
May 30—Fonda, N. Y., Montgomery County Breeders.
June 1—Marshfield, Wisconsin, 13th Semi-annual Central Wisconsin Breeders.
June 1—Anderson, Ind.—O. L. Janney Dispersal Sale.
June 2-3-4—Syracuse, N. Y., Second Co-operative National Sale.
June 6—Hubbardsville, N. Y., Dispersal of W. E. Lamb & Sons' Herd.
June 7-8—Utica, N. Y., Oneida County Club Annual Sale.
June 9—Poughkeepsie, N. Y. J. B. Sisson's Sons.
June 9—Trenton, N. J. First Annual Sale, N. J., Co-operative Association.
June 9—First Annual Bred Heifer Sale. W. H. Krause, Thorp, Wis.

73 OXFORD HOLSTEINS AVERAGE $227

The fifteenth consignment sale of the Oxford Holstein Breeders' Club at Woodstock, Ontario, on March 16th, at which 73 lots were disposed of, was easily the most successful sale of the season. Notwithstanding the feeling of depression that prevails at present among the farmers and breeders throughout the province, the bidding was fairly brisk and the cattle sold well. It is curious to note that the bulls— and there were actually twenty—helped to bring the general average up instead of lowering it as is usual in consignment sales.

The top of the sale was a 15 months calf out of Queen Butter Baroness (33.17 of butter and 542.3 of milk in 7 days) and by May Sylvia Pontiac Cornucopia, a much talked-of bull. Apart from the youngster's breeding he was an exceedingly good individual and was worth a good deal to any breeder who appreciates the value of rich breeding and individuality combined. He went to M. B. Shaver, of Canboro, for $610.

The heifers (up to 3 years) did not sell as well as the bulls. However, the

SERVICE

Holstein Sale Catalogs

For Your Spring Sale

Please bear in mind that if you place your order with us, it will be delivered on the day promised.

Prices include compiling of pedigrees.

STYLE I

A 6x9 inch book, bound on the end.
$3.25 a page, 500 books
$3.55 a page, 700 books

STYLE II

A 6x9 inch book, bound on the end. Good quality paper.
$3.75 a page, 500 books
$3.95 a page, 600 books
$4.35 a page, 800 books

STYLE III

A 7x10 inch book, bound on either end or side. Good enameled paper.
$4.25 a page, 500 books
$4.75 a page, 700 books
$5.00 a page, 800 books
$5.50 a page, 1000 books

Write for Samples, Entry Blanks and further details.

Send for our HOLSTEIN SALE List

WISCONSIN LIVE STOCK ADVERTISING

PIONEER BUILDING Co. MADISON WISCONSIN

A Quality Mark
In Pedigree Making

For the past seven years this house has devoted itself to the building of what is perhaps the most extensive card index system of the breed (outside of the office of the superintendent of Advanced Registry.) This great system is at the disposal of Holstein breeders through the medium of our high class pedigrees. We pride ourselves on the three following features:

ACCURACY

Every pedigree, regardless of size, is checked and rechecked so that the percentage of incorrect tabulations in our work is negligible. Should any be incorrect, we replace them without cost.

PROMPTNESS

When we accept your order, we take it with the distinct understanding it will be delivered to you when you want it. If, for any reason we cannot do this, we promptly tell you so.

MODEST PRICES

The following schedule of prices applies to our pedigrees:

4-generation, loose leaf, 2 carbons $1.50
4-generation, 2 carbons 2.00
5-generation, 2 carbons 3.0
6-generation, 2 carbons 7.50

SALE CATALOGUES

One of the big features o this house is the building of sale catalogues. Our price of $4.00 per page is for the completed catalogue delivered to your farm. This is for an edition of 500. Extra copies in lots of 100 at 20c per page additional. Delivery of catalogues is guaranteed on date specified by us in accepting the order.

IF YOU WANT PEDIGREES THAT ARE NEATLY AND ACCURATELY COMPILED, PROMPTLY DELIVERED AND AT CONSERVATIVE PRICES, BE SURE THEY BEAR OUR TRADE MARK.

LIVERPOOL SALE & PEDIGREE CO.

Liverpool, N. Y.

cows (3 years and up) sold exceedingly well, almost reaching $250 on the average. Taking it all through, the offering was very much above the average for club sales.

DETAILS OF SALE

36 cows, 3 years and over, averaged.....$244.30
20 bulls, all youngsters, averaged.....218.25
Average over all—73 head.....227.33

Consigned by Haley & Lee, Springford

Sylvius Butter Baron (Dec., 1919), (bull), by May Sylvia Pontiac Cornucopia, to M. B. Shaver, Canboro, Ont. .....
Nellie Wayne Pontiac (Jan., 1918), by May Sylvia Pontiac Cornucopia, to Jas. C. Hird, Woodstock, R. R. 8 .....$610

Consigned by Walburn Rivers & Son, Ingersoll

Pioneer Fairmont Hartog (Jan., 1916), by Canary Hartog, to The Walkerside Dairy, Walkerville 255
Pioneer Prince Hartog Toitilla (June, 1920), (bull) by Riverside Korndyke Toitilla, to H. Thistle, St. Pauls 400

Consigned by L. L. Wettlaufer, Tavistock

Bleske Hengerveld May (Aug., 1916) by King Lyons Hengerveld, to Eli Barnim, Springford 335
Colantha Johanna Lyons (Dec., 1919) (bull) by King Lyons Colanthe, to Roy Warren, Beachville, R. R. 1 275

Consigned by James Jackson, Norwich Ont.

Lady Cornucopia Posch (April, 1917), by Cornucopia Chief, to Robert Bowie, Ingersoll, R. R. 2 330
Daisy Hartog Schuiling (March, 1918) by Springbank Schuiling Lad, to Joe Wilson, Ingersoll, R. R. 5 375

Consigned by M. and W. Schell, Woodstock

Helen Panarista Segis, with bull calf, by Rag Apple Echo Segis, to the Walkerside Dairy, Walkerville 200
Helen Colantha Panarista (March, 1918) by Colantha Fayne Butter Baron, to J. W. Innes, Woodstock 565

Consigned by Geo. W. Barnard, Norwich

Royalston Bonnie Banke (Dec., 1916), by Royalton Bonnie Korndyke, to A. M. Davidson, Newton 255
King Mercena Pontiac (May, 1920) (bull) by King Pontiac Fayne, to Wm. D. Gray, Britton, R. R. 1 315

Consigned by Elias Snyder, Burgesville

Bo-Peep Mercena (Feb., 1919), by Posch Korndyke, to Arthur McKay, Embro R. R. 1 210
Netherland Maud (Jan., 1919), by Posch Korndyke, to Oxford Livestock Improvement Association 225
De Kol Dutchland (April, 1920) (bull) by Lakeview Lestrange Dutchland, to Dyment Bros., Dundas 200

Consigned by W. C. Shearer, Bright, Ont.

Colantha Sylvia Beauty (Jan., 1919) by Prince Colantha Sylvia, to Donald Jack, Newton 360
Pietje Calamity Lad (Jan., 1920) (bull), by Roycroft Pietje to W. A. Riley, Weston R. R. 2 285

Consigned by Geo. T. Prouse, Ostrander

Dot Princess Fayne, to R. McFarland, Woodstock R. R. 5 230
Vida Princess Fayne (July, 1915), by Sir Belle Fayne, to Robinson Bros., Woodstock R. R. 5 290

Consigned by Bert Leuszler, Bright

Alice Grey De Kol (March, 1918) by Vale of Ferndale De Kol Boy, to the Walkerside Dairy, Walkerville 260
Maple Grove Queen Lyons 3rd (Dec., 1916) by King Lyons Colantha, to Jno. D. Karn, Woodstock 360

Consigned by Hilliker Bros., Burgessville

Hiemke Mercena (Jan., 1917) by Major Posch Mercena, to H. C. Patterson, Capetown 265
Princess Sylvia Laforit (Jan., 1919), by Prince Echo Sylvia, to F. H. Harris, Embro 255

Consigned by Hilliker Bros., Burgessville

Bessie of Bellevue (Nov., 1913) by Prince Posch De Kol Mercena, to James McCaul, Thamesford 255
Susan Posch Calamity (Feb., 1913), by Sir Posch De Kol Brook, to The Walkerside Dairy, Walkerside 300
Paul Echo Abbekerk (Nov., 1919) (bull), by King Paul Pontiac Echo, to M. A. Claus, St. Thomas 200
Essa Mercena (Dec., 1915), by Delmer, to Hugh A. Anderson, Caledonia R. R. 3 210
Maggie Korndyke Mercedes (March, 1917), by Fairview Mercedes Korndyke, with bull calf, to Wm. S. H. McDonagh, Port Robinson 225

Consigned by Fred V. Heeney, Ingersoll

Bess Schuiling De Kol (May, 1915) by Colonel De Kol Schuiling, to The Walkerside Dairy, Walkerville 255

Consigned by Fred Row, Currie's

Dora Valentine (June, 1917), by Paladin Korndyke, to George Hutchinson, Cheltenham 210
Rose Fayne Pietertje (Oct., 1918), by Prince Cornucopia Fayne, to The Oxford Livestock Improvement Association 200
Dorliska Calamity (Oct., 1917), by Paladin Korndyke, to F. H. Harris, Embro 200

Consigned by Francis Stauffer, Bright

Roxy Mercedes Inka (March, 1919), by Plus Inka Posch, to The Oxford Livestock Improvement Association 200
Sylvia Ormsby Plus (March, 1919), by Plus Inka Posch, to The Oxford I. I. A. 200

Consigned by A. H. Teeple, Woodstock

Canary Hartog Blossom (Nov., 1918), by Sir Francy Abbekerk Hartog, to The Walkerside Dairy, Walkerville 225

Consigned by A. H. Teeple, Woodstock

Correct Change Mercena (April, 1914) by Correct Change, to John Hird, Currie's .. 215

Consigned by M. L. Haley and Son, Springford

Fairy Korndyke Fayne, (April, 1917), by Prince Korndyke Segis, to Wesley Osborne, Ingersoll 200
Sir Aaggie Echo Sylvia (Jan., 1920) (bull) by May Sylvia Pontiac Cornucopia, to T. E. Shearer, Bright 200

Consigned by Jacob Modk & Son, Tavistock

Countess Wayne Colantha (Oct., 1914) by King Lyons Colantha, to Eli Barnim, Springfield 235

Consigned by B. D. Smith, Springford

Judy Schuiling Colantha (March, 1918) by Springbank Schuiling Lad, to Wm. Foster, Beachville 210

Other Consignors:

Jennie Bardness De Kol (Oct., 1916) by Netherland Count De Kol, (T. H. Dent & Son, Woodstock), to Willard Scott, Currie's 200
Betsy Ormsby Fayne (Feb., 1918) by King De Kol Ormsby, with heifer calf, (J. A.

Lammiman, Currie's), to M. B. Shaver Canboro 275
Bessie Posch Schuiling 3rd (Nov., 1917) by Mercena Tritom Abbekerk, (Geo. Hill, Burgessville), to H. Thornton, Woodstock 255
Shadelawn Grace Clothilde (Nov., 1915) by Sir Shadeland Segis, (Hubert M. Schell, Woodstock), to Frank Bell, St. Pauls 200
Blanche Jongste Colantha (Apr., 1919) by King Lyons Colantha 2nd, (Adam Knox, Bright), to Oxford Livestock Improvement Association 200

IOWA STATE SALE AVERAGES $240

The Spring Guaranty Sale of sixty-seven Holstein-Friesians held by the Iowa Holstein Breeders' Association at Waterloo, Iowa, on March 28th, did not bring out any sensational prices paid for any of the animals. The sixty-seven head brought a total of $16,050, or an average of $240 per head. There were not many buyers and prices seemed to run rather low on that account. Some very good individuals with lots of quality went at bargain prices, due to lack of knowledge of values by buyers present. There were a good many calves sold which would tend to bring down the average price. There were twenty A. R. O. cows sold in the sale, their combined records averaging 18.73 lbs. of butter in seven days, and their selling prices averaging $297 per head.

The highest record cow sold, Nebraska Peeress Netherland, with 28.62 lbs. of butter and 517.1 lbs. milk in 7 days at six years, brought the highest price of the sale. She was consigned by the H. O. Neimann Holstein Co. of Avoca, Iowa, and purchased by Hague Farms of Waterloo, Iowa, for $475. The next highest priced female sold was a two-year-old daughter of Triumph Concordia De Kol, a bull with two semi-official daughters averaging better than 1000 lbs. of butter under full age. She sold for $410 to F. S. Miller of Waterloo and was consigned by C. J. Homer of Waterloo. One other animal consigned by Paul P. Stewart of Maynard, Iowa, reached the $400 mark. She was a six-year-old cow with a 21-lb. 7-day record, and 791 lbs. year record as a senior four-year-old She was purchased by Hubert Stuckert of Raymond, Iowa.

The selling was done by Mack and Krause of Wisconsin, with Bertram D. Scott of Minnesota in the box.

Following is a list of all animals selling for $200 or more with the names and addresses of the purchasers:

Consigned by Corwin Farms, Rock Valley, Ia.

1 Corwin Bertha Beets, 4 yrs., Oscar Herman, Fairbanks, Iowa..... $300
2 K. S. P. Joy Mabel, 3 yrs., Henry D. Egger, Gladbrook, Iowa..... 215
3 Corwin Wimple De Kol Beets, 4 yrs, F. S. Miller, Waterloo, Iowa..... 280
4 K. S. P. Foekje, 3 yrs, Taylor Livestock Co., Waterloo, Iowa..... 370
5 Corwin Abbekerk Posch, 3 yrs, Fred L. Hicks, Waterloo, Iowa..... 240
7 Cressie Spencer De Kol Girl 2d, 3 yrs, Schimmerhorn Farms, Mason City..... 235

Consigned by E. J. Hamer, Waterloo, Iowa.

6 Bessie Concordia, 2 yrs, F. S. Miller, Waterloo, Iowa..... 410
8 Helena De Vries, 7 mos, Mike Stewart, Maynard, Iowa..... 285

Consigned by John T. Cunningham, Waterloo, Iowa.

9 Lady Wietske De Kol Segis, 2 yrs, J. W. Maurer, Fairbanks, Iowa..... 290
11 Aaggie De Kol Jewel Johanna 2d, 5 yrs, Geo. Cunningham, Waterloo, Iowa.... 330
12 Miss Aaggie De Kol Johanna, 2 yrs, Fred Hicks, Waterloo, Iowa..... 230

Consigned by W. B. Barney & Sons, Chapin, Iowa.

14 Quoque Sadie Hamilton of Home Farm—5 yrs, Schimmerhorn Farms, Mason.. 300
15 Quoque Sadie Hamilton Korndyke, 3 yrs, Herman Arp, Gladbrook City, Ia..... 210
17 Home Farm Sadie Vale Nellie, 2 yrs, Calf Club, Waterloo, Iowa..... 200

Consigned by Fairburn & Wood, Fonda, Iowa.

19 Bluffs De Kol Fayne, 2 yrs, Jens Bollerup, Cedar Falls, Iowa..... 200
20 Jessie Fayne Spofford, 4 yrs, Hubert Stuckert, Raymond, Iowa..... 375
21 La Polka Rose De Kol 2d, 4 yrs, Prairie Ridge Farm, Mason City, Iowa..... 355
22 Sunny Pet Korndyke, 3 yrs, Prairie Ridge Farm..... 300

Consigned by Cass Farm Company, Sumner, Iowa.

24 Lady Nicola Pontiac, 7 yrs., H. W. Gleim, Webster City, Iowa 300
25 Mercedes Aaltje Johanna, 5 yrs, Peck Bros., La Porte, Iowa..... 290
26 Canary Homestead Pledge De Kol, 5 yrs, Schimmerhorn Farms..... 300
27 Dresden Twyla Johanna De Kol, 5 yrs, Schimmerhorn Farms, Mason City.... 345
28 Johanna Rowena Canary De Kol, 9 yrs, F. N. Maurer, Fairbanks, Iowa..... 280
29 Paywell Colantha Rag Apple, 2 yrs, Schimmerhorn Farms..... 280
30 Beauty Hengerveld Walker, 5 yrs, Fred A. Gilley, Maynard, Ia..... 230

Consigned by Le Grand Gleim, Arlington, Iowa

32 Wildare Johanna Queen of Hearts, 2 yrs, Oscar Gilley, Maynard, Iowa..... 250

Consigned by Hubert Stuckert, Raymond, Iowa

38 Concordia Geneseo Prilly, 1 yr, F. S. Miller, Waterloo, Iowa..... 200

Consigned by Newell & Rugland, Marion, Iowa

40 Glen Alice of the Wild Rose Dairy, 2 yrs, B. D. Scott, Minneapolis..... 385

Consigned by W. B. Loveland, Janesville, Iowa

41 Juma Girl De Kol, 9 yrs, Double E. Holstein Co., Waterloo, Iowa..... 215
42 Juma Girl De Kol 2d, 7 yrs, Double E. Holstein Co., Waterloo, Iowa..... 205

Consigned by Iowana Farms, Davenport, Iowa.

43 Iowana Battels Fayne, 1 yr, Paul Anderson, Owatonna, Minn..... 210
45 (Male) Iowana Crescent Homestead, 1 yr, T. C. McCall, Nevada, Iowa..... 230

Consigned by H. O. Neiman Holstein Co., Avoca, Iowa.

49 Netherland Peeress Pontiac, 2 yrs, G. B. Fox, Oelwein, Iowa..... 230
51 Nebraska Peeress Netherland, 8 yrs, Hague Farms, Waterloo, Iowa..... 475
56 (Male), 7 mos, C. F. Keith, Kansas City, Mo..... 250

Consigned by Mike Stewart, Maynard, Iowa.

52 Miss Eliza Highland Johanna 3d, 2 yrs, Oscar Herman, Fairbanks, Iowa.... 225

Consigned by Paul P. Stewart, Maynard, Iowa

53 Goldenrod Blanche, 6 yrs, Hubert Stuckert, Raymond, Iowa..... 400
55 Miss Moole Aaggie, 3 yrs, Otto Buhr, Sumner, Iowa..... 350
57 Nora Pietertje Pontiac, 6 yrs, George Cunningham, Waterloo, Iowa..... 245

Consigned by Jens Bollerup, Cedar Falls, Iowa

58 Rag Apple Lotta Lyns, 2 yrs, Schimmerhorn Farms, Mason City, Iowa..... 290
59 Gerben Princess Belfer 2d, 6 yrs, Schimmerhorn Farms..... 290

Consigned by Hanson & Sauerby, Oelwein, Iowa

61 Sadie Prilly La Polka Pietertje, 3 yrs, Henry Egger, Gladbrook, Ia..... 230

A 31-LB. BULL

Who wants this 31-lb. bull born May 19, 1920? A large, vigorous youngster, mostly white. His dam, De Cola Clover Lawn made 31.39 lbs. of butter, 505 lbs. of milk in 7 days; 28 lbs. of butter as a four-year-old and at 2 yrs. 2 mos., 20 lbs. for 7 days and finished the year with 674 lbs. butter, 14,766 lbs. milk a year. His sire's dam is a 1225-lb. cow. Ten other bulls of serviceable age at reasonable price. Terms to suit the buyer.

JOHN PULS Hartford, Wis.

Rock Brook Farm 16th Annual Sale

Registered Holstein Cattle

(Together with Complete Dispersal of the Abts and Pekarek Herds)

South Omaha, Neb.

Wednesday, May 4th

Livestock Sale Pavilion

80 Head of Unusually Good Cattle

Consisting of

30 heavy producing cows fresh or soon due
30 heifers, one to three years old, several soon due
25 open heifers suitable for calf club work
10 heifer calves one to ten months old, all very choice
10 bulls from three months to two years, among them several fine 30-lb. bulls ready for service.

An offering of high class cattle sold at a time when grass is here and the market for dairy products the best it has been for some time. All animals over six months of age tuberculin tested. Catalog ready April 20th. This ad. will not appear again. For information write Dwight Williams, Omaha, Nebr.

Rock Brook Farms

Station B **Omaha, Nebr.**

MANAGER AND HERDSMAN

Young American farmer desires a position on a good farm where a good sized high cass herd is being developed. College graduate with life long experience on dairy farms. Two years as herdsman of one of the largest and best herds in the East where large yearly records are being made. Expert with test cows, calves, and ordinary veterinary work. Understand herd records, farm bookkeeping, breeding, crop growing, machinery and can handle men.

ELMER E. TOWNE

377 Battles St. Montello, Mass.

BANNER DAIRY FARM

We offer our registered Holstein-Friesian baby heifers and bull calves from good producing untested dams, sired by Sir Veeman Hengerveld 15th No. 138251. He has a junior two-year-old daughter that has an A. R. O. record of 22 lbs. butter in seven days. His sire, Sir Veeman Hengerveld, has 120 A. R. O. daughters, 19 above 30 lbs. of butter in seven days.

Heifer calves $50 Bull calves $25

FRANCIS BROS.

Remsen New York

FOR SALE—ALFALFA HAY

First and Second Cutting

C. L. AMOS **Syracuse, N. Y.**

Three State Sales Coming Soon.

During the first week in May three of the leading Holstein states will hold their State Sales, Minnesota May 4, Ohio May 4 and 5 and Illinois May 6 and 7.

The Minnesota State Sale, which is to be at Faribault this year is described by the management as a fitting successor to the two remarkable sales that have gone before. Some fifty odd breeders are consigning and the animals consigned are truly representative of this great Holstein state.

According to the best of our informatinon, only eight bulls will be sold in this sale and everyone is worthy of heading a good herd. Among the number is a son of Sir Pietertje Ormsby Mercedes 41st out of the cow that made her 1000-lb. record from 27,611 lbs. milk at the advanced age of ten years. There will also be a three-year-old son of the Minnesota State Champion milk producer Neeltje Mercedes De Kol Homeland with 861 lbs. milk in seven days and 3622.1 lbs. in thirty days. Other high record bulls include one from a 37-lb. dam, another from a 33-lb. dam and a son of Ormsby Sensation from a show cow that made 27 lbs. at ten years. There will also be a son of Piebe from the same dam as a 37-lb. three-year-old. This bull has a number of daughters that have made good records and would be a hard bull to beat in the show ring. There is also a son of the old show bull Aaggie Cornucopia Johanna Lad Jr. and a son of Sir Glen Artis Ormsby from an 857-lb. show cow.

Among the good record stuff to be sold we find a 1000-lb.cow, a 967-lb. three-year-old and an 800-lb. three-year-old and at least three two-year-olds above 700 lbs. There will be in the sale at least four cows that have made records from 30 to 33 lbs., two of these in heifer form and plenty of heifers with records from 25 to 28 lbs. Practically every great sire in Minnesota is represented in the sale either through his daughters or other females bred to him.

The Minnesota State Sale will follow the Annual Meeting of the State Association on May 3 and the day after the State Sale on May 5 will be held the Rice County Breeders' Sale, in the same pavilion as the State Sale. Rice County is Minnesota's oldest Holstein center and the breeders of this community have contributed seventy head of really high-class females with records up to 25 lbs. and several with good year records, either finished or in progress. There are no bulls consigned.

The Ohio Sale

At the Ohio State Sale held at the State Fair grounds at Columbus May 4 and 5, seventy breeders have contributed 120 head, all sold under a 60 to 90 day retest guarantee.

It is doubtful if a greater lot of Holsteins have ever been assembled in one sale in the Buckeye State, the bulls as well as the females being an extraordinary choice lot. Four of the bulls are from 1000-lb. dams or better and four more can show a 1000-lb. average for a number of the near dams in their pedigree, which is a showing of 1000-lb. bulls that to the best of our knowledge has never before been made in a public sale. Evidently Ohio fully intends to back up the claims

62 Katie Madcuff, 8 yrs. H. W. Gleim, Webster City, Iowa 340
63 Sadies McVale 7th, 3 yrs, F. R. Ross, Oelwein, Iowa 275

Consigned by O. L. Hamer, Oelwein, Iowa

64 Thilda Leda Concordia De Kol, 3 yrs, Herman Arp, Gladbrook, Iowa 250
65 Dainty Lady Concordia De Kol, 2 yrs, J. N. Maurer, Fairbanks, Iowa 240

ELEVENTH AUCTION BELLEVILLE HOLSTEINS

The eleventh annual sale of pure bred Holsteins surrounding Belleville, Ont., was held on March 30th in the town of Belleville. The sale has become noted for the number of good cattle which it disperses, and this year was no exception in this regard. But for some reason the demand on March 30th was not at all in keeping with the quality of the offering, and the Belleville breeders are to be recommended upon their good sportsmanship in carrying on the sale when pure bred animals with both individuality and the best of ancestry were being successively knocked down at less than grade prices. The rules of the Belleville Sale are that a fine of fifty dollars must be paid by the breeder who withdraws any animal after the sale has begun.

Ninety-three head were sold, 75 females and 18 males, for an average of $163 a head or a total of $15,125. Sixty-five females, two years and over, averaged $184; ten females under 2 years averaged $120; and eighteen males averaged $109. The highest price of the sale was paid for Patti Bell De Kol, a five-year-old cow, consigned by R. M. Holtby of Port Perry, and purchased by J. A. Caskey, of Madoc for $800.

Following is a list of all animals selling for $200 or more with the names and addresses of the purchasers:

Consigned by B. E. Hagerman, Harold

Rosa Korndyke Hengerveld, 7 yrs., Ralph Parks, Napanee $340
Grace Plus Hengerveld, 7 yrs., W. L. Shaw, New Market, Ont. 300
Flora Plus Hengerveld, 5 yrs., H. S. Patterson, Stella 255
Jessie Echo Hengerveld, 8 yrs., A. Parks, Napanee 360

Consigned by S. F. Parks, Napanee

Houwtje Ormsby, 5 yrs., T. E. Elliott, Belleville 240

Consigned by R. M. Holtby, Port Perry

Pietje Pauline Hengerveld, 9 yrs., Bert Palen, Cadrington 330
Plus Sylvia Posch, 5 yrs., Fred Hubbs, Bloomfield 320
Patti Bell De Kol, 5 yrs., J. A. Caskey, Madoc 800

Consigned by A. E. Philips, Belleville

Echo De Kol 2nd, 7 yrs., J. A. Caskey, Madoc 300

Consigned by A. D. Foster & Sons, Bloomfield

Queen Walker Keyes, 2 yrs., O. E. Ashley, Napanee 225
Helena Francy Ormsby, 8 yrs., H. C. Trumpour, Dorland 200

Consigned by O. B. Nelson, Campbellford

Jewel Hengerveld Echo, 5 yrs., W. L. Shaw, Newmarket, Ont. 390
Morningside Ruby Rauwerd, 5 yrs., W. L. Shaw 400

Consigned by Fred J. Denyes, Belleville

Korndyke Queen Sylvia, 8 yrs., S. J. Cox, Colborne 400

Consigned by J. V. Locklin, Frankford

Queen Keyes Segis Dixie, 6 yrs., G. A. Kelleher, Campbellford 310

Consigned by J. L. Hennessy, Codrington

Rivermead Sylvia Keyes, 3 yrs., R. B. Rogers, Peterboro 235

Consigned by Garrat Nelson, Codrington

Polly Walker, 5 yrs., G. A. Kelleher, Campbellford 305

HOLLISTER FARM DISPERSAL AVERAGES $217.50

On March 19th, S. Hollister of Whitehall, N. Y., dispersed twenty head of pure bred Holsteins at an average of $217.50 a head. This was considered a very good price considering the fact that several calves were included in the sale.

The highest priced animal in the sale was the four-year-old heifer, Whitehall Topsy Alcartra, sired by the $50,000 bull, King Segis Pontiac Alcartra, and from a dam with a 23-lb. three-year-old record. The average record of this cow's seven dearest dams in butter for seven days is 30.92 lbs. She sold to Walter K. Farnsworth of Rutland, Vt., for $360.

The highest record cow in the sale was Mutual Melba of Rufenuf, age nine years, with a 7-day record of 26.65 lbs. of butter and 535.5 lbs. of milk. She was purchased by Ranson Farm of Castleton, Vt., for $280.

The Roberts Farm of Rupert, Vt., purchased Spiraea Pontiac Ormsby, a six-year-old cow, with a 7-day record of 25.64 lbs. of butter and 454.1 lbs. of milk, made at five years of age, for $325.

STRATFORD HOLSTEIN SALE TOTALS $8755

The Perth District Holstein Breeders' 5th Consignment Sale on March 24th at Stratford, Ontario, at which forty-seven head of registered Holstein cattle were sold, proved to be the best sale this club has had to date and satisfaction was expressed by all the breeders as to the outcome.

The forty-seven head consigned by sixteen breeders brought a total of $8755 or an average of $186 a head. Twenty females over three years of age averaged $210, eighteen females under three years averaged $207 and nine bull calves averaged $93 per head.

The consignments were well fitted and in the best of condition. The Oxford Livestock Improvement Association of Woodstock were the heaviest buyers, their purchases consisting mainly of two-year-old heifers.

AN IMPORTANT DISPERSAL SALE

The consignment sale, no matter how carefully organized and safeguarded, though possessing important advantages of its own, in certain respects can never prove so attractive to the discriminating buyer as the dispersal sale of a great herd like that, for instance, of the Cary Farm, Lexington, Mass., whose one hundred members will go under the auctioneer's hammer as typifying the ideals of an owner who for years has been quietly engaged in building up a Holstein establishment that he hoped might some day be rated as one of the best of the breed in New England. Having seen this herd I can speak with assurance of the superior individual quality of its members. Therefore, I am looking forward to a sale on May 4th that shall do its part toward lifting the industry to a higher level.

Pulaski, N. Y., April 9, 1921. E. M. HASTINGS.

that have been made for her as the "Greatest long-distance state in the Union."

It is hard to pick the outstanding bull from such an array of quality, but certainly one of the best is the son of the National Dairy Show champion, Oak De Kol Ollie Homestead, out of Jessie Fobes Bessie Homestead, former World's Champion junior four-year-old for seven and thirty days and the first cow to make three seven-day records averaging over 34 lbs. This bull is being sold only because his owner has so many of his daughters in the herd.

Another notable bull is a son of the State Champion 34-lb. junior three-year-old and still another is a three-year-old son of the World's Champion ten-months milk producer K. P. Princess Bettina with a junior four-year-old record in the 305-day division of 21,641 lbs. milk containing 1027 lbs. butter. There will be two strongly bred Ona bulls with better than a 1000-lb. average for several of the nearest dams of each. The Grand Champion at the State Fair last fall is also consigned.

Probably the outstanding female of the sale is Kleeveldt Saura Burke, a 30-lb. junior four-year-old and the holder of no less than three State records. This wonderful cow is only five years old with a wonderful string of records behind her, and undoubtedly a long life of production ahead of her.

There will be still another 30-lb. four-year-old and several females with 25-lb. records or better, a number of them in heifer form.

There will be a daughter of Aaggie Cornucopia Colantha, Ohio State Champion milk producer on short test and over 1100-lb. butter in a year. Her daughter in this sale will be bred to an 1198-lb. bull. There will also be two full sisters from a 31-lb. dam and several other daughters of large record cows.

The bulls to which these females are bred include a son of Ohio's only 30,000-lb. cow, a son of an 1198-lb. cow, and several 1000-lb. bulls. Pride of the Ormsbys, the famous son of Sir Pietertje Ormsby Mercedes from the first 34-lb. senior three-year-old will be represented by a daughter and by several heifers bred to him. A number of bulls from 31 and 32 lb. dams will also be represented.

Attention is called to the banquet to be held the evening of May 4, which will be one of the attractions of this two-day event.

The Illinois Sale

The Illinois Association will hold its State Sale May 6 and 7 at Wheaton, twenty-five miles out of Chicago. The first day will be devoted to the sale of females, seventy-five head being offered and the day following fifty bulls will be brought into the ring. The females include a 31-lb. cow with a good year record who was first prize A. R. O. cow at the 1920 National Dairy Show. Her two-year-old daughter is also consigned. Probably the largest year record cow in the sale is the State Champion four-year-old with 1035.6 lbs. butter from 24,655.5 lbs. milk. She is one of the eight cows with year records that are in the sale. There will also be a yearling daughter of the State Champion two-year-old yearly producer and a two-year-old daughter of a cow that produced over 700 lbs. milk in a week, as well as several young daughters of 30-lb. cows or better. One of the highest record seven-day cows in the sale is a 32-lb. daughter of Prince Hengerveld Fayne.

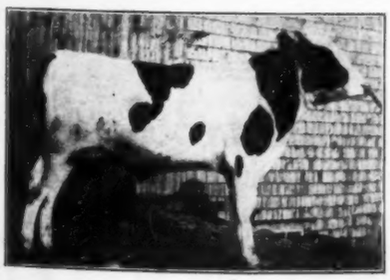
The bulls include a yearling ready for service who was inside the money at the National as a calf last fall. This bull is from a 1000-lb. dam that produced over 26,000 lbs. milk in a year. There will also be a two-year-old bull from the 32-lb. cow that topped the State Sale last year and other bulls from 30-lb. cows or better.

Animals sold in this sale will be subject to a 60 to 90 day retest and are guaranteed as represented.

PINE RIDGE HERD DEVELOPING WINNERS

One of the promising herds in Northern New York is the Pine Ridge establishment of A. T. Blount and Son of Lacona, N. Y. The herd is under federal supervision and is headed for the accredited list. At present the oldest members of the milking herd are in their two-year-old form and an official test has recently been completed on seven of these heifers, comprising all that were in milk at the time. The ages ranged from twenty-two to thirty-two months, all being in their first lactation period. Five of the seven had been in milk from two to three months at the time the test was started, which makes the average of 346.1 lbs. milk and 16.38 lbs. butter stand out as a very creditable showing. The highest record was made by the twenty-two months old heifer, De Kol Kekke Korndyke Mercedes with 18.09 lbs. butter and 358.7 lbs. milk. Among heifers of her tender age this butter record stands well up among the leaders. Pine Ridge Netherland Cornucopia, a thirty-one-months-old heifer tested seventy-four days after calving made 17.37 lbs. butter from 356 lbs. milk. She is a daughter of the former herd sire, a son of Spring Farm Pontiac Cornucopia. Starucca Pontiac Segis at two years, ten months tested eighty-eight days after calving made 16.72 lbs. butter from 358.2 lbs. milk, J. L. K. V. Annie Segis at thirty-one months tested ninety days after calving made 16.10 lbs. butter from 347.2 lbs. milk. The twenty-four months old heifer, Pine Ridge Windsor Veeman sired by a 31-lb. son of Sir Korndyke Pontiac Artis tested fifty-eight days after calving made 16.52 lbs. butter from 350.4 lbs. milk.

The senior herd sire is The Sixth Soukje. He is a son of Spring Farm King Pontiac 6th, widely known under the slogan "The Bull who put Degree in Pedigree," former heading the herd of Henry Stevens & Son. The dam Masterpiece Butter Girl Soukje is one of the splendid daughters of Masterpiece with a year record in junior two-year-old form of 820.60 lbs. butter and 18,586.5 lbs. milk. She has a seven-day record of 19.94 lbs. butter and eight months after calving made 17.65 lbs. averaging practically sixty lbs. milk a day during that test. As an individual this bull is of the same splendid conformation as his sire who is getting a remarkable lot of attractively formed and colored offspring. None of them have freshened as yet but they give great promise. One of his sons out of a 26-lb. cow developed in the herd a few years ago is a real show animal and while he has never been exhibited, it is the opinion of a member of the World staff who saw him recently that he is good enough to finish inside the money at almost any show in the country. As a junior sire to mate with these daughters they have selected Antrim Pontiac Locust, a son of Ralph Stevens' herd sire, Sir Pontiac Waldorf Pietje from the splendid 34-lb. cow Locust Grove Jewel whose figures are 607.1 lbs. milk, 34.14 lbs. butter, a granddaughter of King of the Pontiacs.



PRICE $375

Delivered Your Station Anywhere In U. S. on Approval.

A SHOW BULL—AND SOME BREEDING

HIS SIRE

A son of Spring Farm King Pontiac 6th—the famous sire of long-distance prize winners—and Masterpiece Butter Girl Sjoukje—820.6 lbs. butter, 18,586.5 lbs. milk in a year as a junior two-year-old. She by the famous Masterpiece—son of King Fayne Segis.

HIS DAM

Pine Ridge Kekke Princess 204659. A. R. O. record 26.58 lbs. butter—458.1 lbs. milk. A show cow never given a chance to show her worth—Particularly fine top line and udder—and her dam was a cow of the same type. Her sire, King Pontiac Premier is one of the best transmitting as well as best bred SONS OF KING OF THE PONTIACS. DOUBLE CROSS OF K. P.—and BUTTER BOY 3d—with KING SEGIS added.

Better wire your reservation.

A. T. Blount & Son

PINE RIDGE HERD LACONA, N. Y.

OHIO STATE

At Columbus

At the State Fair Grounds

Sale Starts 10 o'clock Sharp Each Morning

120 HEAD OF THE BEST AND CHOICEST ANIMALS

We Could Find in 75 Ohio Herds

TWO 30-LB. COWS

There will be two choice 30-lb. cows. One open, the other bred to a bull whose dam has 1027 lbs. butter, 305 days.

A 30-LB. BULL

A yearling son of Penopa Lass 2d, 3006 butter, 471.2 milk and by a son of Finderne Pride Johanna Rue, with 1470 lbs. butter, 28340 lbs. milk, 365 days.

FROM A YEARLY PRODUCER

A yearling daughter, Canary Mercedes Pietertje Hartog, with 980 butter, 24834 milk, 365 days, and four yearly records averaging 20280 milk, 769 butter, 365 days.

A 1000-LB. BULL

A yearling bull, whose four nearest dams average 23000 milk, 1000 butter, 365 days (Ohio State record).

A 21-LB. 2-YEAR-OLD

A two-year-old heifer, excellently bred and has 21.50 butter, 443.2 milk.

ANOTHER 30-LB. BULL

A yearling son of Daisy Pioneer Clyde, 30.08 butter, 622.10 milk, 7 days; 123.43 butter, 2811.5 milk, 30 days.

THREE SISTERS

Three daughters of King Walker Clothilde, whose five first daughters to finish year records have as 3½-year-old, 20.046 milk, 845 butter.

FROM 31-LB. DAM

Two full sisters out of Rustle Pontiac Lilith, 31.61 butter, 695.1 milk, 7 days, 16.5 lbs. milk, best day; both bred to bull whose 7 nearest dams average over 31 lbs. butter.

TWO PRODUCING SISTERS

A pair sisters, one a 17.12-lb. 2-year-old, the other a 19.7-lb. Junior 3-year-old.

A CHAMPION SHOW BULL

The Junior and Grand Champion bull Ohio State Fair 1920 and out of De Kol Clothilde Woodcrest, a 20.68-lb. two-year-old.

A 34.96-LB. BULL

A three-year-old son of Oak De Kol Ollie Homestead, the noted show bull and son of a former world record cow, Jessie Fobes Bessie Homestead 34.96 butter, 7 days; 137.26 in 30 days, and 932.73, 365 days. Also one of his daughters from a 31-lb. four-year-old.

SALE FACTS THAT WILL INTEREST YOU

Every animal has been selected for this sale.

The consignors take pride in sending their best, that otherwise you cannot buy.

Nearly every animal from herds under state and federal supervision and sold subject to 60-90 retest.

Every animal guaranteed a breeder.

You get your papers when you settle for your animals.

You buy at your own prices, absolutely no by-bidding.

Buy Ohio Holsteins at COLUMBUS, MAY 4-5

BE ON THE JOB
BOTH DAYS
COLUMBUS
MAY 4-5

WE COULD SAY SOMETHING GOOD ABOUT EVERY CONSIGNMENT—IF SPACE PERMITTED

OHIO HOLSTEIN-

H. C. BARKER, Field Secretary

GUARANTY SALE

May 4 - 5

Guaranteed Under a 60-90 Day Retest

IF YOU ARE LOOKING FOR FOUNDATION STOCK

All Ages—At Your Own Price Attend This Sale

A 17-LB. 2-YEAR-OLD

A 17-lb. 2-year-old daughter of Aaggie Cornucopia Colantha 33.23 butter, 747.2 milk, 7 days; 1136.1 butter, 25986 milk, 365 days. She's bred to a bull whose dam has 1198.3 butter, 28.801 milk, 365 days.

A TRIPLE STATE CHAMPION

A five-year-old cow, holder of three Ohio state records for milk and butter. See more details on next two pages.

GRANDDAUGHTERS OF A 1287-LB. COW

Two granddaughters, Early Dawn Peep 2d, who has 33.32 butter, 634.1 milk, 7 days; 1287.73 butter, 26204.0 milk, 365 days. One an 18-lb. 2-year-old; the other a 16-lb. two-year-old.

AN 1150-LB. BULL

A 10 month bull calf from the heart of the Ona family, whose five nearest dams average 1150 butter, 25000-lb. milk.

ANOTHER 1100-LB. BULL

A show calf, son of a former world record cow with 1198.3 butter, 28801 milk, 365 days.

FOUR BY 30000-LB. SIRES

Four yearling heifers, sired by sons of Lindale Bonnie Pauline, Ohio's only 30,000-lb. cow, and all out of tested dams.

ANOTHER 1000-LB. BULL

A son of Lindale Bonnie Korndyke, with 914.16 butter, 23038.3 milk and three nearest dams averaging 24000 milk, 1000 butter, 365 days.

THREE GREAT SISTERS

Three daughters, Fairview Pontiac Beets Korndyke, sire of 5 cows with over 30 lbs.

FROM 1000-LB. HEIFER

A daughter of Nina May De Kol of Cooley Farms, 1047 butter, 23221 milk, as 3-year-old.

FROM 1130-LB. COW

A daughter and granddaughter of Aroc Edna Pietertje, 1130.21 butter, 26529 milk, 365 days.

HERE'S THE POINT! —You Buy in This Sale Animals That Breeders Would Not Price in Their Barns

FRIESIAN ASSOCIATION

Tiffin, Ohio

Remember Holstein Banquet 6 P. M., May 4th

FACTS ABOUT OHIO HOLSTEINS

Ohio has more 1000-lb. cows, more 1100-lb. cows, more 1200-lb. cows than any other state.

Ohio has three 1300-lb. cows, equaled only by two other states.

Ohio has more cows with 25000-lbs. milk in a year than any other state.

Ohio stands third as a Holstein state with over 30,000 pure bred Holsteins.

Ohio is a state of producers—a home of World Champion Holsteins.

Ohio Holsteins will make dollars for you.

Buy Ohio Holsteins at COLUMBUS, MAY 4-5

BE ON THE JOB
BOTH DAYS
COLUMBUS
MAY 4-5

OHIO STATE

At Columbus, Ohio

At the State Fair Grounds

7 Bulls With 1000-lb. Dams or With 1000-lb. Averages

A FEW TOPS BULLS

From Dams with Records as follows.

Butter 365 days	1198
Milk	28801
At 4 years	
Butter 305 days	1027
Milk	21641
(World's Milk Record)	
Butter 365 days	1014
Milk	24026
Butter 7 days	34.96
Butter 7 days	34.23
Butter 7 days	30.06
Butter 7 days	**30.08**
5 dams average:	
Butter 365 days	1150
Milk	25000
4 dams average:	
Butter 365 days	1000
Milk	23000
3 dams average:	
Butter 365 days	1050
Milk	26000
3 dams average:	
Butter 365 days	1000
Milk	23000

BUY OHIO HOLSTEINS THERE ARE NONE BETTER

120 HEAD FROM 75 HERDS

HERE ARE A FEW CONSIGNMENTS

STONG & EGNEW, LYONS, OHIO

May Veeman of Pleasantdale with 18.6 lbs. butter, 488.7 lbs. milk and bred to Pride of the Ormsbys, one of the best sons of Sir Pietertje Ormsby Mercedes and out of Glenn Canary De Kol, a 34.50-lb. 3½ year old.

NEVIDON FARM, NORTH CANTON, OHIO

An excellent serviceable bull, son of **Penops Lass 2d,** with 30.06 lbs. butter, 471.2 milk—4 year old, and by one of the best sons of Finderne Pride Johanna Rue, with 1470 lbs. butter, 28340 milk, 365 days.

A yearling daughter of Maple Grove Hesseltje De Kol, with 32.66 butter, 755.9 lbs. milk, 7 days. Also a half sister to her, both by a 39-lb. bull.

N. W. LEE & SON, NEW LONDON, OHIO

Lady Hartog Mercedes, with 19.27 lbs. butter. 432 lbs. milk. Junior 3-year-old. A show heifer and a real prospect.

H. A. McQUILLAN, DELTA, OHIO

Yearling daughter **Canary Mercedes Pietertje Hartog,** with 980 lbs. butter, 24834 lbs. milk, 365 days, at 10 years, and four yearly records that average 20280 lbs. milk, 769 lbs. butter.

King Ormsby Violet, a great yearling bull whose four nearest dams average over 2000 lbs. milk and 1000 lbs. butter.

GEO. R. McQUILLAN, SWANTON, OHIO

Canary Mercedes Ormsby Wadnag, heifer born March 5, 1919, dam has 20800 lbs. milk, 735 lbs. butter, and bred to Lisle King Fayne, whose dam has 27949 lbs. milk, 1002 lbs. butter, (a former world record 3 year old.)

Male born April 5, 1920, three nearest dams average nearly 26000 lbs. milk, 1050 lbs. butter.

L. O. WHEELER & SON, GARRETTSVILLE, OHIO

Two excellent daughters (a 2 year old and a 3 year old) of **Maryside Annetta Walker,** 415 lbs. butter, 469.60 lbs. milk. Both bred to a 31-lb. bull and one of them has C. T. A. record of 9648.3 lbs. milk, 352.56 lbs. butter.

E. T. DEHAVEN, GARRETTSVILLE, OHIO

Glen Haven Drucilla De Kol Walker, a show daughter of King Walker Clothilde, whose first five daughters have finished year records at average of 3½ years of 20.046 lbs. milk 843 lbs. butter.

PAUL McNISH, BURTON, OHIO

Red Oak Segis Pontiac Hattie, a 21-lb. granddaughter of King of the Pontiacs and bred to a 32-lb. Dutchland bull.

B. F. BOYCE, WELLINGTON, OHIO

Model Fayne Pontiac Gladi, a show cow with an 18-lb. 2-year-old record and a good C. T. A. record. She is out of a 29-lb. daughter of King Hengerveld Model Fayne.

MUMAW BROS., HIRAM, OHIO

Mubroco Cordobia Pontiac 2d, with 21.50 lbs. butter, 443.2 lbs. milk a 2-year-old. She is out of a 23.34-lb. junior 4-year-old and a real high class one.

G. G. STETSON, MENTOR, OHIO

Pioneer King of Good Hope, out of Daisy Pioneer Clyde, 30.08 butter, 422.10 lbs. milk, 7 days. 123.43 lbs. butter, 2811.50 milk, 30 days. A brother to the new world record 2-year-old.

Nora De Kol Walker Dow, another daughter of King Walker Clothilde, whose first five daughters as 3½ year olds, average 20046 lbs. milk, 843 lbs. butter. Her dam has 26.17 butter, 423.7 milk at 3 years old.

O. L. PRINDLE, WEST VIEW, OHIO

Two show heifers out of Rustle Pontiac Lilith, 31.61 butter, 695.1 milk, 7 days. 165.4 lbs. milk, high day. A great pair and both bred to Cornet Paul Posch 2d, whose seven nearest dams average better than 31 lbs.

Rustle Pontiac Perfection, 3 years old, with 15 lbs. 2-year-old record and her seven nearest dams average 25.17 lbs.

BROADACRES STOCK FARM, OLMSTED FALLS, OHIO

Vera Dot Pontiac Beryl, a 17.12-lb. 2-year-old, 389.1 lbs. milk, and her sister Martha Pontiac Beryl, a 19.7-lb. Jr. 3-year-old. **Broadacres Springbrook Pontiac,** an honest to goodness show cow from a 26-lb. dam and will have a record of her own by sale time.

KELMER & PRESSER, LAGRANGE, OHIO

Sir Manor De Kol Ragapple (twin) Junior and Grand Champion bull 1920 Ohio State Fair and out of De Kol Clothilde Woodcrest, a 20.68 lb. 2-year-old, with 442.3 lbs. milk.

KINGWOOD FARM, MENTOR, OHIO

Bessie Homestead Oak De Kol, 3-year-old son of Oak De Kol Ollie Homestead, the noted show bull and out of Jessie Fobes Bessie Homestead, with a former world record cow with 34.96 lbs. butter, 7 days. 137.25 for 30 days. 932.73 for a year. He is sold only because the Kingwood herd is full of his daughters.

Kingwood Bessie Fayne Segis, born Feb. 4, 1920 by the above bull and out of Kingwood Ruth Segis F. N., with 31.2 lbs. butter as 2 year old.

E. E. ELLETT & SON, BELOIT, OHIO

Aaggie Segis of Sunny Side at 25 months made 17.54 lbs. butter, 309.3 milk. Dam Aaggie Cornucopia Colantha 33.32 lbs. butter, 747.2 milk, 7 days. 1136.1 butter, 25986 lbs. milk, 365 days. She's right out of the heart of that great Aaggie family, one of Ohio's very greatest families. Besides she is bred to a bull whose dam has 1198.3 butter, 28801 milk, 365 days.

PINERY FARMS, MENTOR, OHIO, RALPH KING, PROP.

An excellent bull calf out of Maggie Artis Segis with 1014.90 butter, 24026.2 milk, and by King Holingen Fayne Valdessa who is out of the world record Finderne Holingen Fayne with 1395.06 butter, 24612.8 milk, 365 days.

Two yearling daughters of King Pontiac Diona Pietertje. One out of It Pietertje Ormsby with a good 305-day record and the other out of a good 16-pound two-year-old.

OHIO HOLSTEIN-FRIESIAN

H. C. BARKER, Field Secretary

GUARANTY SALE

May 4 - 5

Guaranteed Under a 60-90 Day Retest

120 HEAD FROM 75 HERDS

A FEW MORE CONSIGNMENTS

KLEEVELDT FARM, NEWARK, OHIO

Kleeveldt Soura Burke, holder of three Ohio State records and as a junior 4-year-old made 30.34 butter, 654 lbs. milk. 125.02 butter 2790 lbs. milk, 30 days. (Ohio State record) She is a daughter of Pietertje Hengerveld Burke Segis, whose daughters have all made great records.

Kleeveldt Lucy Netherland, a sister to "Soura" and has 25.82 butter, 595.7 milk, a sure 30-lb. cow.

Kleeveldt Agnes Netherland, a 16-lb. 2-year daughter of "Lucy."

Hurd Kings Sadie Vale, a son of Hurds Korndyke De Kol, with 30.81 butter, butter, 507.10 milk and by one of the good sons of King Korndyke Sadie Vale

Two more females, just as good as above mentioned.

DR. H. O. FREDERICK, ASHTABULA, OHIO.

Nexonis Nancy Early Peep, with 18.01 butter, 325 milk, 7 days.

Dorothy May Hengerveld Belle, with 15.84 butter, 40.25 milk, 7 days. Both are granddaughters of Early Dawn Peep 2d, with 33.32 lbs. Butter, 634.10 milk, 7 days. 1287.73 butter, 26204.00 milk, 365 days. Both bred to a 930-lb. butter bull.

PETER SMALL, CHESTERLAND, OHIO.

Meadow Holm Jolie Ona Fayne, a bull out of the heart of the Ona family. Dam: Lucillie Jolie Pontiac 2d, with 18371 lbs. milk, 877 lbs. butter. His five nearest dams average 1150 lbs. butter, 25000 lbs. milk, 365 days. Sire: Finderne Pride Fayne, with a 1470-lb. dam.

E. C. GRAY, FARMDALE, OHIO.

Bessie of Maple Hill 2d's Lord Alcartra, a 10-months-old show bull out of Bessie of Maple Hill 2d with 28801.4 lbs. milk, 1198.3 lbs. butter. Sire: L. H. C. Lord Alcartra, a 27-lb. son of the first $50,000 bull.

R. E. DILLON, WILLIAMSFIELD, OHIO

King of the Ona's, a beautiful son of Lindale Bonnie Korndyke, with 23038.3 milk, 914.16 butter, 365 days, at 3 years. He is by one of King Ona's best cows, and his three nearest dams average over 24000 lbs. milk, 1000 lbs. butter. Six nearest dams, 22000 lbs. milk, 971 lbs. butter, two of them made as 3-year-olds, two as 13-year-olds.

Lindale Aaggie Concordia, a 15-lb. Jr. 2-year-old daughter of a ¾ sister to Lindale Bonnie Pauline, Ohio's only 30,000-lb. milk cow.

Also, four excellent granddaughters of Lindale Bonnie Pauline, Ohio's only 30,000-lb. milk cow. They are sired by two great sons of this old cow and all out of tested dams that are ¾ sisters to her.

Here's a great consignment from one of Ohio's best yearly record herds.

W. H. STEPHENSON, WELLINGTON, OHIO

De Kol Ophelia Korndyke Lyons, a yearling daughter of Fairview Pontiac Beets Korndyke, sire of five 30-lb. cows and one of the greatest bulls in the Buckeye State. She's a show heifer and bred to a yearly record bull.

ROICE & SHEPARD, WELLINGTON, OHIO

Prince Tidy Bettina De Kol, an excellent 3-year-old bull out of K. P. Princess Bettina, with 31.09 butter, 625.7 milk, 7 days. 1027.1 butter, 21641 milk, 305 days at 4 years of age. She is one of King of the Pontiacs' best daughters. Here's one of the good bulls of the sale.

Briar Jannek Jewell 2d, born August 5, 1914; at 4 years, 7 mo. 4 days made 30.14 butter, 573.6 milk. Also her 2-year-old daughter by a good son of King Korndyke Sadie Vale. Both bred to the bull above mentioned in this consignment

W C. HERMAN & SON, TOLEDO, OHIO.

Prilly Gelsche Pietertje, her daughter and granddaughter. She at just 2 years of age made 16.2 butter, 387.6 milk. Her sire's ten nearest dams average over 30 lbs. and her dam has 24.32 butter, 548.8 milk.

THE GREENDALE COMPANY, HIRAM, OHIO.

Greendale May Pauline Lad, born February 3, 1920, a full brother to Greendale Lew with 37.50 butter, 18337 milk, 305 days, world's record in class. Here's a real calf, a son of King Walker Clothilde whose first five daughters to finish year records have 20096 lbs. milk, 845 lbs. butter.

Hengerveld Korndyke Segis, with 25.18 butter, 581.9 milk at four years. A real cow and bred to King Walker Clothilde.

PATTERSON & DICKINSON, BELLEFONTAINE, OHIO.

Bellefont Rag Apple, a son of Lady Korndyke Rag Apple Belle, the Ohio State Record Junior 3-year-old, with 34.23 butter, 544.3 milk and now on yearly test. Here is the highest record bull in the sale and a good one.

O. O. ZEHRING, GERMANTOWN. OHIO.

Zehringhurst Lady Wayne, born August 13, 1914, and has at 2 years of age, 20.84 butter, 21.3 milk. At 4 years 26.01 butter, 484.2 milk. Has been a show winner at National Dairy Show and Ohio State Fair.

MONCLOVA STOCK FARM, TOLEDO, OHIO.

Monclova Pride Korndyke Belle. An excellent yearling daughter of Pride of the Ormsbys, who is one of "Old Sir Piet's" good sons and out of Glenn Canary De Kol, with 34.59 lbs. butter. **Tedro Pontiac De Kol Fern,** born Dec. 30, 1915, at 4 years, 18.49 lbs. butter, 435.6 lbs. milk and bred to Pride of the Ormsbys.

NIMS BROS., EAST ORWELL, OHIO.

A seven-year-old daughter of De Kol 2d's Mutual Paul out of a daughter of Hengerveld. A very nice individual and on semi-official test—record will be given sale day. Bred to Sensation.

MANTLE & MANTLE, PAINESVILLE, OHIO

Cloverlead Nina, with 25.2 butter, 449.8 milk. **Maple Spring De Kol Segis,** 25.29 lbs. butter 590.5 lbs. milk. They are sisters, both great type with lots of promise on semi-official from an accredited herd.

Two 30-lb. Heifers
Half a Dozen
Daughters of 30-lb.
Cows

A FEW TOPS FEMALES

WITH RECORDS AS FOLLOWS:

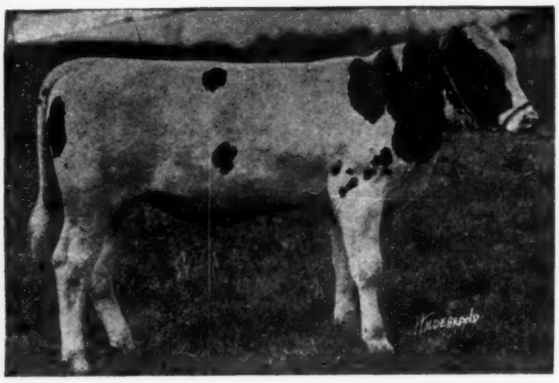
30.24 lbs. at 4 years
30.14 lbs. at 4½ years
26.01 lbs. at 4 years
25.82 lbs.
25.29 lbs.
25.20 lbs.
25.18 lbs. at 4 years
21.5 lbs. at 2 years
And others.
Also Daughters of:
A 33.23-lb. cow
A 32.66-lb. cow
A 31.61-lb. cow
A 31.61-lb. cow
A 31.20-lb. cow
A 30-lb. cow
Females bred to:
A 1250-lb. bull
An 1198-lb. bull
A 1000-lb. bull
A 1000-lb. bull
A 1000-lb. bull
A 34-lb. bull
A 34-lb. bull
A 32-lb. bull
A 31-lb. bull

BUY THEM AT
COLUMBUS
MAY 4-5

FRIESIAN ASSOCIATION

Tiffin, Ohio

Three Heifers Bred to Him



Ormsby Korndyke Lad 8th

SIRE: 14 daughters over 1000 lbs. butter in a year. Surpassed by no other.
5 daughters over 1200 lbs. butter more than any other
DAM: Has over 1003 lbs. butter from 23,497 lbs. milk in a year as a two-year-old, standing third for combined milk and butter.

In the State Sale

FARIBAULT, MAY 4th

1. A Daughter of 14th

A daughter of the show bull, Sir P. O. M. 14th. She was in our 1920 show herd, five times First Prize in open classes and groups.

2. A Colantha Daughter

A daughter of King Colantha Ormsby Bess, whose nine nearest dams average 1000 lbs.

3. A Year Record Homestead

A heifer of Homestead breeding with a nice 2-year-old year record.

ALL THREE WELL ALONG IN CALF BY OUR 1000-LB. O. K. L. MEET US AT FARIBAULT.

Mankato Holstein Farms

(Under State and Federal Supervision)

Marlow & Randall **Mankato, Minnesota**

If You Need { A Herd Header / A Foundation Cow } Investigate This Pair

They Were Drafted From Our Herd For The State Sale

Faribault, Minnesota, May 4th, 1921

The Herd Header—Son of a Champion

Don Watson Pontiac is a 3-year-old son of our Minnesota State Champion milk producer, Neeltje Mercedes De Kol Homeland, with 866 lbs. milk in 7 days and 3622.1 lbs. in 30 days, both state records. Will have over 7000 lbs. in 60 days and after that will be run on semi-official test.

His sire is a proven son of King Segis Pontiac Count from a daughter of Sir Johanna Fayne.

The Foundation Cow—A 33-Lb. Producer

Rockasene Lady Shabona has just made a record of 33.14 lbs. butter in 7 days. Had milked 109 lbs. in a day and will have over 3000 lbs. in 30 days. Last year she made a 29-lb. record milking 102 lbs. in a day, produced over 20,000 lbs. milk containing 825 lbs. butter in a year, freshened within six weeks of the end of her year and made her great 33-lb. record. A wonderful individual with a perfect udder.

A GOOD PAIR TO OWN

So far as we know, there is no other son of a cow producing 861 lbs. milk that can be bought today, and we are only selling him because we have a younger son of the same cow and do not need them both. The cow we offer is five-years-old, right in her prime, a proven producer and an extra good individual.

Come to Faribault prepared to buy this pair.

P. FROST SPAULDING FARM COMPANY

(Under State and Federal Supervision)

C. L. SPAULDING, Manager **Warren, Minnesota**

Line Bred To Sir Piet

Rich in Ormsby Breeding

SIR JOHANNA GLEN ORMSBY

A strongly line bred Ormsby, combining the blood of two of the greatest record daughters of Sir Pietertje Ormsby Mercedes. His own dam is one of the two 1300-lb. 4-year-olds and his second dam the first 34-lb. senior 3-year-old.

Owned jointly by

H. G. MILLER
Northfield, Minn.

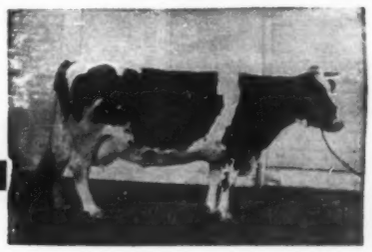
A. F. WENDLANDT & SON
Northfield, Minn.

F. D. SCHOLLJEGERDES
Waseca, Minn.

HIS DAM
1323.36 Lbs.

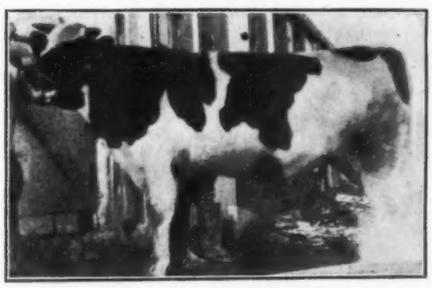
His Two Nearest Dams Are Two Great Daughters of Sir Piet

HIS SIRE'S DAM
1235.32 Lbs.



From a 700-Lb. 2-Year-Old

By Spring Farm King 13th



A straight, deep bodied bull, high class in every respect and ready for immediate use.

THE SIRE is Spring Farm King 13th with an average of 35 lbs. for his five nearest dams. He is by Spring Farm King, a full brother to the first 44-lb. cow, and his dam is a 32-lb. four-year-old from the same 44-lb. cow.

THE DAM of the bull has an 18-lb. senior two-year-old record with 425 lbs. milk. She has also completed her year with over 700 lbs. butter and over 18,000 lbs. milk. She is a daughter of Spring Farm King and sister to the world champion 32-lb. first calf two-year-old. Her dam is by a son of the first 44-lb. cow. Her grandam is a daughter of Spring Farm King Pontiac from a 30-lb. cow. Spring Farm King Pontiac, it will be recalled, is from the famous Tweed White Lady with 37 lbs. butter in 7 days and over 1100 lbs. in a year. This bull carries 50% of the blood of Spring Farm King, which is as much as his own sons. He is a bull that will please and is priced to sell.

Spring Farm Herd

F. M. Jones **Clinton, N. Y.**

A $500 PRIZE

Will be Given by

The New York State Fair Commission

to the State Association Making

The Best Consignment

to the

Second National Cooperative Sale

SYRACUSE, N. Y. JUNE 2-3-4

The New York State Fair Commission announces that it will give a cash prize of $500 to the State Holstein Association making the best consignment to the Second National Co-operative Sale. The consignments will be judged on the basis of condition and individuality. All animals from the state must be entered. The consignments will probably be judged on New York Day, May 31st. The New York Holstein-Friesian Association will not compete for this prize.

The New York State Fair Commission is offering this prize as a part of their contribution to make the Great National Sale a success. They also call the attention of all Holstein breeders to New York's Greatest Exposition, the New York State Fair, which is to be held on September 12-17, 1921, at Syracuse, N. Y. Holstein exhibitors of other states plan to include New York in your circuit this year. In no state can you meet as many Holstein breeders as here in New York.

New York Holstein-Friesian Association

224 Wieting Block *Syracuse, New York*

PASSENGER RATES

Will be

REDUCED

for the

Annual Meeting

of the

Holstein-Friesian Association of America

and

Second National Cooperative Sale

SYRACUSE, N. Y. JUNE 1-4, 1921

Certificate Plan

A rate of one and one-half fare for the round trip on the certificate plan will apply for members from certain districts of the Holstein Association. These rates apply only to the Central West, Middle and Eastern states.

SPECIFIC DIRECTIONS as to the procedure to follow to secure this rate will be furnished to members in the call for the meeting and in other published notices. The reduced rate is given only to members of the association and dependent members of their families.

Note—The reduction on the return journey is contingent on an attendance of not less than 350 members of the organization at the meeting and dependent members of their families holding regularly issued certificates obtained from ticket agents at all starting points. However, there should be no difficulty in securing the requisite number of certificates.

If the necessary minimum of 350 certificates is secured, you will be entitled up to and including June 8, 1921, to a return ticket via the same route over which you made the going journey at one-half of the regular one way adult tariff fare from Syracuse to the point at which your certificate was issued.

Plan Now to Attend These Great Events

New York Holstein-Friesian Association

224 Wieting Block *Syracuse, New York*

Head Your Herd With The Right Sire

Now is the time to improve your herd by placing a high class sire at the head.

I now offer Sir Veeman Hengerveld Dodo No. 299088, born Dec. 28, 1919. He is well grown, good individual, resembles his sire very much.

Sire: Sir Veeman Hengerveld, 120 A. R. O. daughters, nineteen with records above 30 lbs. Twelve 30-lb. granddaughters, four with records above 1000 lbs. of butter in a year, and several others nearly as good. For the opportunity he had, the breed never produced a sire of his equal.

Dam: King Segis Alcartra Dodo Jessie, now on test, and has to her credit over 28 lbs. butter and 524 lbs. milk. As a two-year-old she made 19.24 lbs. butter, 389 lbs. milk. She is a granddaughter of King Segis Pontiac Alcartra.

This is your chance to secure a son of Sir Veeman Hengerveld. Priced way below his value to make room for younger ones.

W. D. Robens Poland, N. Y.

COLLINS FARM CO. PURCHASES NEW JUNIOR SIRE

We are advised by the Collins Farm Co. of Sebetha, Kansas, that they have added to their splendid Holstein herd a new junior herd sire purchased from John Erickson of Waupaca, Wisconsin. This bull is a son of Marathon Bess Burke who combines the blood of three of the very greatest record daughters of Sir Pietertje Ormsby Mercedes, two of the three being from Spring Brook Bess Burke and all three of them having year records above 1100 lbs.

The dam of this young bull is Bess Johanna Pietertje Mercedes, one of the very greatest record daughters of Sir Pietertje Ormsby Mercedes 37th. She made over 19 lbs. as a junior two-year-old, came back with 30 lbs. as a junior three-year-old and finished her year with 1072 lbs. butter from 23,360 lbs. milk. We understand she has now made another 30-lb. record as a four-year-old and on semi-official test is expected to increase her three-year old figures.

This combining of the blood of Marathon Bess Burke and Sir Pietertje Ormsby Mercedes 37th, gives to the Collins bull four crosses of Sir Piet breeding and three crosses of Bess Burke blood. He traces to Spring Brook Bess Burke through her three largest record daughters, all of them above 1100 lbs. butter in a year and he traces to Sir Piet through three of his largest record daughters and through his greatest transmitting son. Counting Spring Brook Bess Burke three times there are in his direct ancestry no less than nine 1000-lb. cows, their records averaging 1186 lbs.

Both the sire and the dam of the Collins bull are young with undoubtedly the greater part of their producing lives in front of them and both are in very capable hands where they will be making Holstein history during the next few years.

In the Collins herd, this young sire will be mated with the daughters of Vanderkamp Segis Pontiac whose dam has four times made a 30-lb. record, the best one being 37 lbs. She also has 1000 lbs. in a year. The first three daughters of Vanderkamp to freshen as three-year-olds made records of 26, 28 and 29 lbs., the last two successively breaking the Kansas state record. His first 12 daughters as two and three-year-olds average over 20 lbs. and these daughters mated with the new bull should make a great cross.

CLUNY STOCK FARM

CLUNY STOCK FARM · Quality Production Health · HOLSTEINS

We Offer Another Long Distance Bull Born January 24, 1920

His 7 nearest dams average 28.104 butter, 584.3 lbs. milk. His dam is a daughter of Maplecrest Application Pontiac No. 132652. Maplecrest's dam made 35.103 lbs. butter in 7 days, 1,344.3 lbs. in 365 days. His ¾-sister made 1,322 lbs. in 365 days.

The dam of this bull is a Jr. 3-year-old that made 21.515 lbs. butter from 479 lbs. milk in 7 days, 88,969 lbs. butter in 30 days, is on yearly test and has made 15,766.2 lbs. milk and 710 lbs. butter in 336 days. She will be given every opportunity to increase her records.

His sire is a son of King Segis Pontiac Konigen, the $35,000 Field sire from a 30-lb. maternal sister of Dutchland Colantha Denver who made 1315 lbs. butter in a year. Thus the blood of three 1300-lb. cows is united in his pedigree.

Nicely marked, and over ¾ white and will suit you as an individual.

Pedigree on application.

PRICE $350

R. BRUCE McPHERSON **Howell, Mich.**

TO OHIO STATE SALE

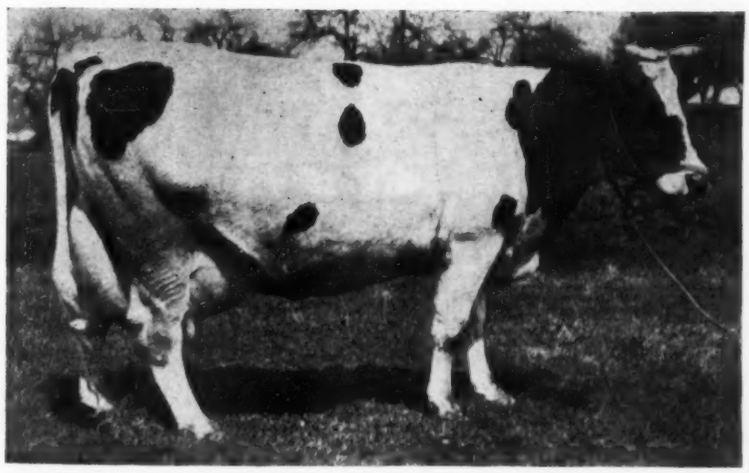
May 4-5, 1921

King of the Onas No. 333608

Heads the Lindale consignment to the Ohio State Sale, May 4 and 5. Born January 30, 1920

His three nearest dams average 1000 lbs. butter and over 24,000 lbs. milk in 365 days, one of them making her record as a junior three-year-old and one as a senior three-year-old. His six nearest dams average 971 lbs. butter and 22,000 lbs. milk. His dam, Lindale Bonnie Korndyke, holds the Ohio State milk record in the junior three-year-old class and is the youngest cow to have produced over 40,000 lbs. of milk in two lactation periods semi-officially. **His dam's dam, Lindale Bonnie Pauline, is the only cow in the world to make 26,000 lbs. at 3½ years and 30,000 lbs. at full age.** Also the only 30,000-lb. cow with a 23,000-lb. junior three-year daughter. Third dam, Pauline Erie De Kol, holds Ohio state record for both butter and milk for her age and is exceeded by only one other cow in the world of her age. She has two daughters averaging 1042 lbs. butter, one as a senior three-year. Fourth dam, Ida Erie 2d, is the oldest cow in the world to make 900 lbs. butter or 21,000 lbs. milk. **His four direct dams hold either state or world records for their age.**

His sire, King Ona Jr., is by King Ona out of the 31-lb. cow, Lindale Pauline Korndyke. She has two semi-official records made at an average age of 2 years 9 months that average over 800 lbs. She is now on semi-official and milking 100 lbs.



LINDALE BONNIE PAULINE—the only cow in the world to make 26,000 lbs. at 3½ yrs. and 30,000 lbs. at full age.

We are also consigning four granddaughters of Lindale Bonnie Pauline. Two are by King Ona Pontiac. One of these is out of a ⅞ sister to Lindale Bonnie Korndyke.

Two yearling heifers by Sensation. The grandams of one of these average 25,000 lbs. milk and 1060 lbs. butter.

A six-year-old cow carrying ⅞ the same blood as Lindale Bonnie Korndyke.

LINDALE FARM

R. E. DILLON **Williamsfield, Ohio**

Carnation Blood Disperson Sale

Okemos, Michigan, May 10th, 1921

Forty Head Most of the Females Bred to

Carnation King Walker Patty

A Son of

Carnation King Sylvia

From a

22-lb. 2-year-old three-quarters sister to Segis Pietertje Prospect.
The new World's Champion milk producer that averaged over **102 lbs. per day for a year.**

The Females will include:

A daughter of a 28-lb. granddaughter of Hengerveld De Kol. Four daughters of Model Glista King Segis, a son of Glista Erica by a son of King Segis. One of these bred to a son of Ormsby Korndyke Armyn, one of the best daughters of Ormsby Korndyke Lad, having three times made over 30 lbs. and just this winter completed a year with over 1200 lbs. butter and better than 27000 lbs. milk.

Two young daughters of Pauline Sir Pontiac Senior sire at Mich. Agl. College herd and a son of a twice 30-lb. daughter of Johan Hengerveld Lad.

This is a rare opportunity to secure females bred to such bulls as

CARNATION KING WALKER PATTY

and

BEAVER DAM SIR PRILLY ARMYN

Okemos is located on the main line of the P. M. R. R. between Detroit and Lansing and can be reached by bus from Lansing.

Six months time on approved notes. Bring your bank reference with you.

For Catalog address

Albert E. Jenkins, Sale Mgr.
EAGLE, MICH.

E. P. Kinney, Owner
OKEMOS, MICH.

Central Michigan Breeders' Fourth Consignment Sale

—at—

Mich. Agl. College, East Lansing, Mich

May 23, 1921

SIXTY HEAD

Nearly all from herds under state and federal supervision.

THE FEMALES WILL INCLUDE:

A 26 lb. cow that milked 565.8 lbs. sired by a son of Johanna Korndyke De Kol.
A 19 lb. cow at 3y 4d (first calf) her dam a 31-lb. cow with a 31 lb. daughter that has a 33 lb. daughter. Her sire by K. S. P. Alcartra from a 32 lb. 4-year-old.

About ten females bred to **King Lansing.**

Several daughters of Model Glista King Segis, he from Glista Erica, 35.29 and sired by Lakeside King Segis Alban De Kol.
A daughter of Johan Mutual De Kol with 22 lbs, at 4 years making her a sister to Colantha Mutual Queen, 32.01 butter 629 lbs. milk from 3 teats.
Several females bred to **Judge Joh Lyons** he by King Joh from Segis Isabella, a 34 lb. daughter of King Segis. Many other good individuals bred to good record bulls.

BULLS:

A son of a 31.78 lb. four-year-old sired by a 30 lb. son of Sir Ormsby Banostine Champion, ready for heavy service.
A son of a 31 lb. cow that has milked 97 lbs. in a day and is just completing a great 30 day record, sired by Model Glista King Segis, he a son of Glista Erica.
A son of Judge Joh Lyons from Lucy Canary De Kol with 24.78 lbs. at 2½ years, she the first prize winner in Michigan in 1919-1920.

A son of College Butter Boy from a 25 lb. 4-year-old.

60 to 90-day guarantee. Guaranteed breeders.

COL. D. L. PERRY, Auctioneer,
Columbus, Ohio.

JENKINS in the Box

For Catalog address **Albert E. Jenkins, Sale Mgr.** EAGLE, MICH.

ATTEND THESE MICHIGAN SALES:

Central Michigan Holstein Breeders.....East Lansing, Mich., May 23, 1921
John M. Tobin Dispersal.....Allegan, Mich., May 24, 1921
Martin Buth Dispersal.....Grand Rapids, Mich., May 26, 1921
Michigan State Sale.....Grand Rapids, Mich., May 27, 1921

BAYNE TURNING OUT MORE 30-LB. RECORDS

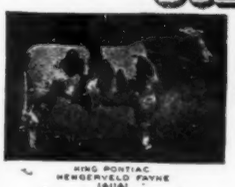
E. M. Bayne of Detroit, Mich., reports a number of very creditable records recently completed on his farm at Romeo, Mich. Ella Veeman Hengerveld becomes the eighth 30-lb. daughter for Sir Korndyke Veeman Hengerveld with a production of 30.87 lbs. butter and 740.00 lbs. milk. She is still in test and will make close to 130 lbs. in thirty days, going better than 30 lbs. each of her first three weeks. This young cow won first prize last year at West Michigan State Fair, which classes her as a very desirable piece of property. Aaggie Hengerveld Pontiac, a granddaughter of King of the Pontiacs has also completed a 30-lb. record milking 100 lbs. a day and with 127 lbs. butter and 3000 lbs. milk in thirty days. This cow has presented Mr. Bayne with four heifer calves in the past three years and this is the first opportunity she has had to make a record. The junior two-year-old in the herd also completed a 33-lb. record averaging nearly 60 lbs. milk a day. The first testing done in the herd was last season and the first cow tested made 32 lbs. butter from 741 lbs. milk. At the Brentwood sale, Mr. Bayne purchased the Grand Champion Show bull, Sir Pontiac Segis Lad De Kol, a son of Wisconsin's great 30-lb. cow, Sadie Gerben Hengerveld De Kol. This bull is an outstanding individual, as shown by his picture appearing in the April 9 issue. Mated with cows of the quality indicated by those reported he should make a name for himself as sire.

FORTUNE SMILING ON BELL FARM

Of the first fourteen calves born at Bell Farm and sired by Echo King Sylvia, eleven have been heifers. Among the first cows bred to this bull is the famous Kayewood Joyce Korndyke, Pennsylvania State champion 39-lb. cow and dam of a 34-lb. daughter. Kayewood dropped a heifer calf and her young daughter gave birth to twin heifers, so that at this rate, the Kayewood family is multiplying quite rapidly. Her 34-lb. daughter gave birth to a bull calf and the two-year-old daughter of Homestead Susie Colantha also gave birth to a bull calf. The two grandams of the latter calf are May Echo Sylvia and Homestead Susie Colantha, whose records average almost 900 lbs. milk in a week.

COLDSTREAM FARM

C. B. SHAFFER, PROPRIETOR.



KING PONTIAC HENGERVELD FAYNE 141141 WORLD'S GREATEST BULL

HOLSTEIN FRIESIAN CATTLE DUROC JERSEY SWINE

F. O. BIBLE, GEN'L MGR.

HOLO MERCENA DE KOL 30312 C WORLD'S RECORD COW BUTTER 7 DAYS 81.83 BUTTER 30 DAYS 20.17

LEXINGTON, KY.

HEADED BY

King Pontiac Hengerveld Fayne

SIRE OF

Pequest Win. Segis Fay 29m	20.55	Milk	394.00
Milk	401.60	Butter 30 days	66.15
Butter 15 days	42.13	Milk	1396.20
Milk	824.10	Pequest Pon. Fayne 29m	20.04
Pequest Betty Kay Fay 23m	20.34	Milk	368.10

In point of performance of his offspring and the individual quality of his get, King Pontiac Hengerveld Fayne is one of King of the Pontiacs' greatest sons.

We have for immediate delivery some very highly desirable sons of King Pontiac Hengerveld Fayne—bulls from high record dams up to 30-lb. at 2 yrs. and bred for extreme production.

If you would link your herd with blood that makes good in the show ring and at the pail—tie up with a Coldstream bull.

—Get Complete Information from the Farm on One of His Good Sons—

Five Splendid Young Herd Headers

To Be Sold the Second Day of the State Sale

Wheaton, Illinois, May 7th

FOUR SONS OF KING PIETERTJE HOMESTEAD ORMSBY
whose two nearest dams are 30-lb. daughters of Sir Pietertje Ormsby Mercedes
One from a 1000-lb. dam. Others from good record dams.
Also—a Grandson of Pietertje Maid Ormsby from a year record dam.
N. B. The first day of the sale we are consigning a 32-lb. cow and one of our best yearling heifers.

F. R. LILLIE, Owner.
H. L. BINGHAM, Mgr.

Buffalo Creek Farm

Arlington Heights
Illinois

UNDER FEDERAL SUPERVISION

North Star Herd

—CONSIGNS TO—

Minnesota State Breeders' Sale

A Long Distance Cow!—

Buffalo Paula Doede, a prize winner in the yearly division last year. A daughter of Sir Jewel Parthenea Doede and sister to several cows with over 800 lbs. milk in a year. She has two proven daughters, one of which has made over 27 lbs. in 7 days as a senior 3-year-old. Her dam is a 25-lb. 2-year-old cow with 997 lbs. butter and 25,000 lbs. milk in a year.

A Bessie Oak Daughter!—

This heifer has 28 lbs. at 37 months of age and is finishing a splendid year record. She will be sold as a junior 4-year-old. She is a daughter of our Bessie Fobes Oak Homestead, he by a son of Jessie Fobes Bessie Homestead from a 30-lb. daughter of Homestead Jr. De Kol and the great cow, Lady Oak 2d.

A Sir P. O. M. Granddaughter!—

A beautiful 14-months-old granddaughter of Sir Pietertje Ormsby Mercedes 43rd out of a 23-lb. 2-year-old dam, the next dam a 24-lb. cow.

North Star Herd

W. S. MOSCRIP, Owner

Lake Elmo, Minnesota

FULL SISTER MAKES 37 LBS.

We have just learned that a full sister to our Junior Herd Sire

COLUMBINE PIEBE CHANGELING

has broken the Minnesota State Record with 37.42 lbs. at 4 years.

At present we can offer a couple of sons of this bull—one from a 34-lb. dam—the other from a 21-lb. 2-year-old daughter of a 33-lb. cow.

Several Bargains in Valdessa Bulls

Let us hear from you.

We are under Federal Supervision.

TURKEY CREEK FARM

Colorado Springs
Colorado

SPENCER PENROSE, Owner — CHAS. C. WILSON, Manager

R. F. Hildebrand

THE leading PHOTOGRAPHER of ANIMALS in AMERICA
PHOTOGRAPHS, MOTION PICTURES of all AGRICULTURAL SUBJECTS
UNION STOCK YARDS CHICAGO ILL.

Starting On Eastern Trip

I am now booking dates for work that will bring me in the East about Easter time. Just the right time to photograph your National Sale consignment and get photographs that will please you. Bookings should be made at once (by wire) so that stops on the way East can be arranged.

"Let Hildebrand do your work—
Experienced for Quarter of a Century"

CHEAP?

Look This Over and Decide For Yourself

A yearling bull calf raised in an

ACCREDITED HERD

His Dam has three seven-day records and a good 305-day record, and is now on the way to another ten months' record much better than her first one.

His Sire has seven nearest dams that have an average yearly production of over 22,000 lbs. milk and 958 lbs. butter.

Write for more information and photo.

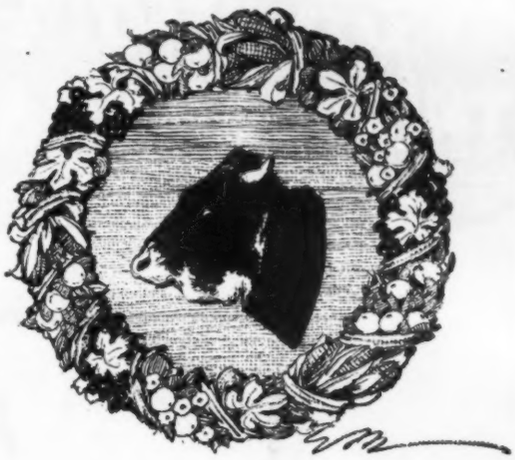
PRICE $300

Satisfaction Guaranteed

Kilpatrick Brothers Co.

Beatrice, Neb.

F. C. Haeger **Farm Mgr.**



MAAIKENSHOF

BEDFORD HILLS, NEW YORK

M. M. Newell, *Owner* R. E. Buell, *Supt.*

The Latch String is Always Out

Grandson of World Champion

A 20-lb. grandson of Duchess Skylark Ormsby, world record butter cow with 1506 lbs. in a year.

Dam of the bull is a daughter of Sir Korndyke Hengerveld De Kol that has 48 A. R. O. daughters, several above 30 lbs.

Bull is ready for service and is priced at $300.

We can also offer several cows at bargain prices.

Sipple Bros.

Colby, Wisconsin

Colantha Sir Korndyke DeKol

Colantha Creamelle Sir Aaggie

Sir Aaggie Colantha Korndyke

King Mutual Korndyke 7th

For six years one and the great part of the time, two of the above bulls have been in service in our herd.

All of them are in service now in good herds.

Their daughters are of exceptionally good quality and all that have had an opportunity to be tested are making good.

We have sold and have for sale bull calves that are worth much more than the modest price we ask.

J. N. Stansfield & Sons

Lawrenceville, Ill.

MINNESOTA-HOLSTEIN-BREEDERS THIRD ANNUAL CONSIGNMENT SALE

The State Sale Classic of the Year

FARIBAULT

1919 — MOORHEAD

1920 — SAVAGE

1921 — FARIBAULT

THE BEST OF A WONDERFUL SERIES

More than half a hundred of Minnesota's most progressive breeders have sacrificed the pick of their herds to make this the greatest State Sale ever held. Why? Not for their own advantage for in many cases the consignors can ill afford to part with the animals selected by the commitee, at any figure. They did it for the good of the industry—and to boost the State Association. Buyers should appreciate this opportunity. Fifty or more breeders offer you the results of a lifetime of breeding operations.

The fifty odd consignors and the State Association bid you all a very cordial welcome to this the State Sale Classic of 1921. The sale will follow the Annual Meetings of the Minnesota Holstein-Friesian Association May 3rd, and will precede the Rice County Sale in the same pavilion May 5th.

PLAN TO ATTEND ALL THREE DAYS—MAY 3, 4, 5—at FARIBAULT

Auctioneers:
J. E. MACK, Ft. Atkinson, Wis.
W. H. KRAUSE, Thorpe, Wis.

Sec'y. Bert Scott will read the pedigrees and dispense PEP

Minnesota Holstein-

Minneapolis

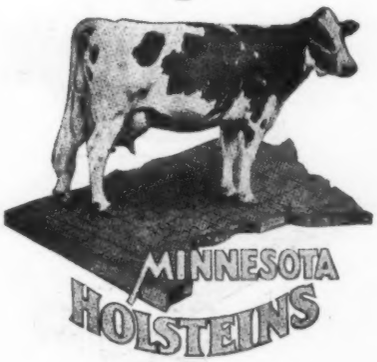
MINNESOTA-HOLSTEIN-BREEDERS THIRD ANNUAL CONSIGNMENT SALE

The State Sale Classic of the Year

MAY FOURTH

WE TOOK OUR PICK FROM THESE HERDS

G. B. Bauernfiend	Nerstrand, Minn.
August Block	Hutchinson, Minn.
Egil Boeckman	White Bear, Minn.
E. J. Brosius	Stillwater, Minn.
Hagbarth Bue	Northfield, Minn.
Carleton College	Northfield, Minn.
C. Doolittle	Minneapolis, Minn.
Dr. H. P. Fischer	Shakopee, Minn.
Edw. Fleckenstein	Faribault, Minn.
Grahamholm Farm	Rochester, Minn.
O. J. Grover	Glyndon, Minn.
J. M. Hackney	St. Paul, Minn.
Albert Hovdesven	Cottonwood, Minn.
J. B. Irwin	Minneapolis, Minn.
Kickenapp & Wilson	Faribault, Minn.
E. F. Krabbenhoft	Sabin, Minn.
A. J. Lashbrook	Northfield, Minn.
Long Lake Live Stock Co.	St. Paul, Minn.
Carl K. Lunde	Hayward, Minn.
McDonald Bros.	Medford, Minn.
J. E. McMahon	North St. Paul, Minn.
Marlow & Randall	Mankato, Minn.
H. G. Miller	Northfield, Minn.
Mineral Springs Stock Farm	Savage, Minn.
Minn. Holstein Co.	Austin, Minn.
W. S. Moscrip	Lake Elmo, Minn.
Oak Dale Farms	Austin, Minn.
C. E. Ovestrud	Northfield, Minn.
Earl Padelford	Austin, Minn.
J. P. Peltz	St. Bonifacious, Minn.
Ramsey Co. Home	North St. Paul, Minn.
Dr. H. Rasmussen	Tyler, Minn.
Reese Brothers	Goodhue, Minn.
E. C. Schroeder Farms	Moorhead, Min.
H. W. Schroeder	Owatonna, Minn.
St. Olaf College	Northfield, Minn.
Wm. Schmidt & Sons	St. Peter, Minn.
T. H. Skrei	Glyndon, Minn.
Ernest F. Sloan	Ellendale, Minn.
C. L. Spaulding	Warren, Minn.
Stensrud Bros.	Watson, Minn.
F. A. Stillings	Frazee, Minn.
W. W. Sugden	Hallock, Minn.
Taylor & Christgau	Owatonna, Minn.
Edw. Ulrich	Biscay, Minn.
Chas. E. Walker	Glencoe, Minn.
W. W. Walker	Austin, Minn.
Edw. C. Weckerling	West Concord, Minn.
H. C. Von Wald	Nerstrand, Minn.
E. J. Hansen	Savage, Minn.
A. F. Wendlandt & Son	Northfield, Minn.
Steidl Bros.	Moorhead, Minn.



These fifty odd breeders allowed the Sale Committee practically a free hand in making selection from their herds. The animals selected are without exaggeration Minnesota's best.

DON'T MISS THE NEXT TWO PAGES.

Friesian Association

Minnesota

MINNESOTA-HOLSTEIN-BREEDERS THIRD ANNUAL CONSIGNMENT SALE

The State Sale Classic of the Year

FARIBAULT

85 HEAD INCLUDING

8 BULLS

A 1000-lb. son of Sir P.O.M. 41st
A 37-lb. bull
A son of the State Champion milk producer
A proven show son of Piebe from the same dam as a 37-lb. 3-year-old
A son of Ormsby Sensation from a great 27-lb. dam
A 33-lb. grandson of Count
A son of Aaggie Cornucopia Johanna Lad Jr. from a 28-lb. dam
A son of Sir Glen Artis Ormsby from a good year record dam

77 FEMALES

LONG TEST

A 1000-lb. cow
A 967-lb. 3-year-old
An 800-lb. 3-year-old
3 700-lb. 2-year-olds

SHORT TEST

A 33-lb. cow
A 31-lb. four-year-old
A 30.91-lb. four-year-old
A 30-lb. cow
A 29-lb. cow
A 28-lb. cow
A 28-lb. three-year-old
A 27-lb. four-year-old
Two other 27-lb. cows
A 26-lb. three-year-old
A 26-lb. four-year-old
Three 25-lb. cows
Eight other heifers above 20 lbs.
Daughters of Minnesota's Greatest Producing Cows

ONLY EIGHT BULLS—EVERY ONE A HEADLINER
EVERY FEMALE A REAL PRODUCER
EVERY ANIMAL GUARANTEED RIGHT

Minnesota Holstein-

Minneapolis

MINNESOTA-HOLSTEIN-BREEDERS THIRD ANNUAL CONSIGNMENT SALE

The State Sale Classic of the Year

MAY FOURTH

Minnesota's Greatest Sires Will Be Represented

YOU CAN BUY

DAUGHTERS OF:

Piebe Laura Ollie Homestead King, Sir Pietertje Ormsby Mercedes 41st, Sir Pietertje Ormsby Mercedes 22d, Sir Pietertje Ormsby Mercedes 14th, Sir Pietertje Ormsby Mercedes 38th, Sir Pietertje Ormsby Mercedes 43d, Sir Johanna Glen Ormsby, King Echo Johanna Sylvia, Sir Korndyke Glen, Duke Pietertje Korndyke Ormsby, Sir Ormsby Hengerveld Korndyke, Ormsby Sensation, King Segis Pontiac, King Korndyke Pontiac Lass, King Korndyke Colantha Ormsby, King Segis Johanna Grahamholm, Bessie Fobes Oak Homestead, King Bess, Sir Walker Segis Homestead, Iowanna Sir Ollie.

FEMALES BRED TO:

King Segis Pontiac Count, Sir Pietertje Ormsby Mercedes 37th, Sir Korndyke Bess Piebe, Sir Bess Ormsby Alice, Lola Segis Pontiac Homestead, Johanna Bonheur Champion, Sir Inka Superior Segis, Sir Hengerveld Pietertje Ormsby, Ormsby Korndyke Lad 8th, Dutchland Creamelle Colantha Lad and most of the sires in the first list.

Buy Minnesota Holsteins — Famous For

SIZE — TYPE — PRODUCTION — HEALTH

Buy Them at Faribault

N. B. STAY OVER FOR THE RICE COUNTY SALE, MAY 5th.

(See Next Two Pages)

Friesian Association

Minnesota

RICE-COUNTY-BREEDERS CONSIGNMENT-SALE

Following Minnesota State Sale

FARIBAULT

AND THE DAY FOLLOWING THE STATE SALE

THE RICE COUNTY BREEDERS

WILL HOLD AN ALL QUALITY SALE

30 CONSIGNORS

G. B. Bauernfeind, Nerstrand, Minn.
John E. Clifford, Northfield, Minn.
E. R. Emery, Stanton, Minn.
David Erb & Son, Faribault, Minn.
Edw. Fleckenstein, Faribault, Minn .
Fox Brothers, Northfield, Minn.
E. B. Goodhue, Dennison, Minn.
Hagbarth Bue, Northfield, Minn.
Carleton College, Northfield, Minn.
Geo. P. Garver, Faribault, Minn.
Fred Howie, Dennison, Minn.
Hunter Bros., Northfield, Minn .
Kickenapp & Wilson, Faribault, Minn.
A. J. Lashbrook, Northfield, Minn.
A. F. Wendlandt & Son, Northfield, Minn.
U. L. Lashbrook, Northfield, Minn.
Chas. H. Miller, Northfield, Minn.
H. G. Miller, Northfield, Minn.
Miller & Bosshardt, Morristown, Minn.
C. E. Ovestrud, Northfield, Minn.
N. Parson, Northfield, Minn.
J. M. Punderson, Northfield ,Mnin.
St. Olaf College, Northfield, Minn.
N. C. Stadler, Faribault, Minn.
Geo. H. Taylor, Northfield, Minn.
John Tyner & Son, Randolph, Minn.
S. E. Van Slyke, Northfield, Minn.
Herbert C. Von Wald, Nerstrand, Minn.
A. L. Von Wald, Kenyon, Minn.
Mrs. Ida W. Watson, Northfield, Minn.

70 HIGH CLASS FEMALES. NARY A BULL

Records up to 25 lbs. on short test.
Good year records and cows on long test

The Minnesota Kind

SIZE — TYPE — PRODUCTION — HEALTH

From Minnesota's Oldest Holstein Center

Minnesota Holstein-

Minneapolis

RICE-COUNTY-BREEDERS CONSIGNMENT-SALE

Following Minnesota State Sale

MAY FIFTH

70 QUALITY FEMALES

Cows and Heifers Bred To These Sires

SIR BESS ORMSBY ALICE, a son of Sir Korndyke Bess from a 34-lb. granddaughter of Sir Pietertje Ormsby Mercedes.

TWO MORE SONS OF SIR KORNDYKE BESS, one from a 1300-lb. four-year-old and the other from a 1000-lb. cow.

A SON OF SIR PIET. from a 24-lb. daughter of Sir Korndyke Hengerveld De Kol.

SIR WALKER SEGIS HOMESTEAD, the great show bull, winning junior championship at the National. He is a son of Piebe from one of the best daughters of Count, his dam being the only cow to make two heifer records above 25,000 lbs. milk.

THREE SONS OF COUNT, including King Segis Pontiac Fayne Star and his three-fourths brother, King Mooie Segis Pontiac also a third son from a 31-lb. daughter of a 1200-lb. cow.

KING ECHO JOHANNA SYLVIA, sired by the greatest proven son of May Echo Sylvia and from a 37-lb. daughter of a 37-lb. cow.

A SON OF ORMSBY KORNDYKE LAD from a great 34-lb. cow.

DON'T MAKE ANY MISTAKE ABOUT THIS SALE

The Rice County Sale is not a sale of "left-overs" from the State Sale. It is a sale of picked cattle, real producers, big, strong, healthy producers with plenty of breeding and many of them carrying calves by some of Minnesota's greatest sires. There is not a bull in the lot, so you won't have to sit around and watch Mack, Krause and Scott begging for bids on a lot of cheap bull calves. This is a sale that will be well worth your while to attend.

BUY RICE COUNTY HOLSTEINS AT FARIBAULT

Friesian Association

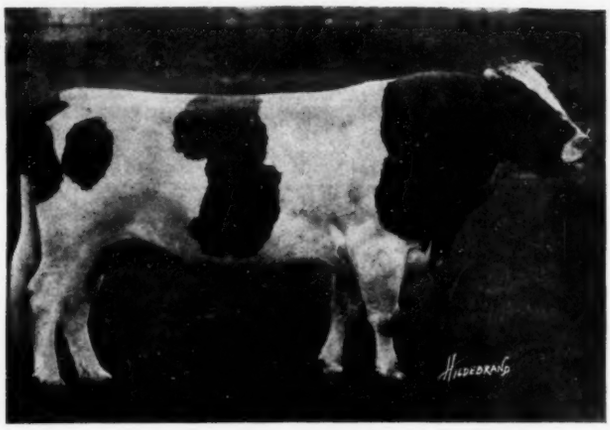
Minnesota

ARDEN

Three Arden Farms Herd Sires

KING SEGIS PONTIAC COUNT

FROM ARDEN FARMS TO FARIBAULT MAY 4th



THREE 3-YEAR-OLD HEIFERS IN THE STATE SALE

"The Marvel of all Sires"

We Are Consigning to the State Sale

1. ***A Granddaughter of Count***
2. ***Another Granddaughter Bred to Him***
3. ***Another Heifer Bred to Count***

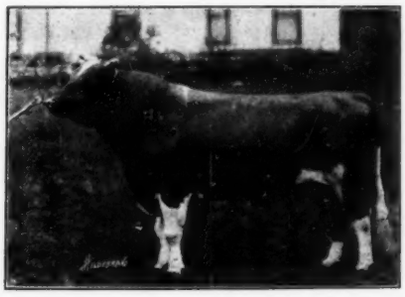
Sir Ormsby Hengerveld Korndyke

The Only Living Son of Pietertje Maid Ormsby

We Are Consigning to
THE STATE SALE

1. ***His Daughter***
2. ***A Heifer Bred to Him***

King Korndyke Pontiac Lass



Son of the First 44-Lb. Cow

We Are Consigning to
THE STATE SALE

1. ***His Daughter—Bred to Count***

ARDEN FARMS

J. M. HACKNEY, Owner

601-2-3-4 Merchants Bank Bldg. **St. Paul, Minnesota**

FARMS

ARDEN

Buy Their Blood at Faribault

King Segis Pontiac Count
"The Marvel of all Sires"

Sir Ormsby Hengerveld Korndyke
The Only Living Son of Pietertje Maid Ormsby

King Korndyke Pontiac Lass
A Son of the first 44-lb. Cow

Our Faribault Consignment

1. **A three-year-old—bred to Count. Sired by Sir Ormsby Hengerveld Korndyke. Dam—A daughter of Count from a 34-lb. sister to Piebe.**

2. **A good record 3-year-old daughter of King Korndyke Pontiac Lass. Bred to Count.**

3. **A granddaughter of Count—bred to Ormsby. A 3-year-old with a 17-lb. 2-year-old record. Sire—King Segis Pontiac Fayne Star—one of the greatest sons of Count. Dam—A 31-lb. daughter of a 1227-lb. cow. Bred to Sir Ormsby Hengerveld Korndyke.**

NOTE :-: :-: We Are Consigning —

Two Granddaughters of Count
Three Heifers Bred to Count

Faribault will be a good place to buy the blood of "The Marvel of all Sires"

ARDEN FARMS

J. M. HACKNEY, Owner

601-2-3-4 Merchants Bank Bldg. **St. Paul, Minn.**

FARMS

ALL ROADS LEAD ON MAY 4th

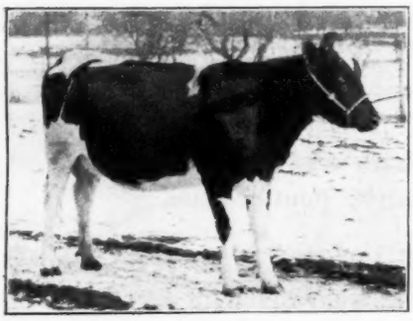
To the Cary Farm

Lexington, Mass.

Where will be staged the Complete Dispersal of One of New England's Great Herds

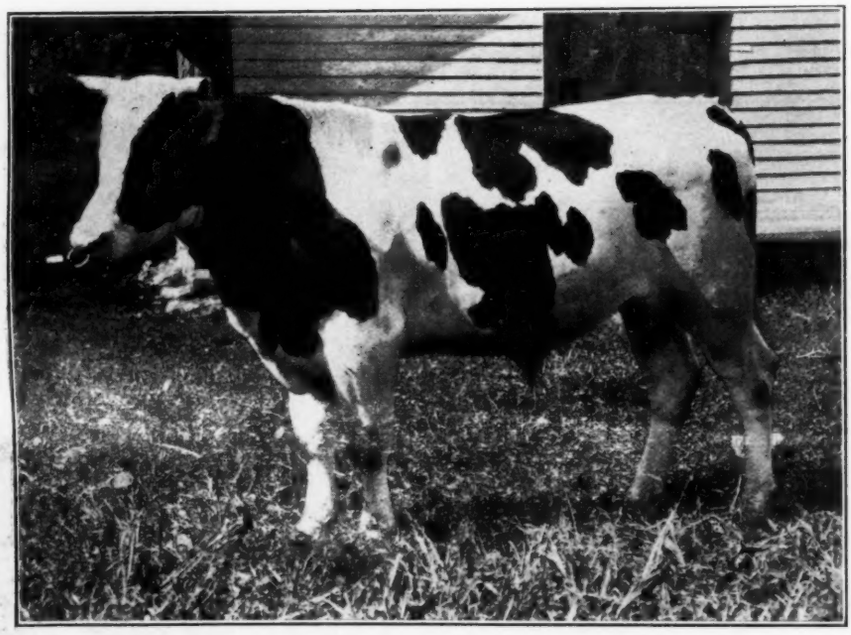
100 Holsteins of Quality 100

Some of the Representative Offerings



A 17½-lb. 2-yr.-old.

A 34-lb. cow and her daughter.
A 26-lb. 4-yr.-old
A 25-lb. granddaughter of Pontiac Korndyke
A 25.41-lb. cow (590 lbs. milk.)
A 25-lb. cow
A 25-lb. 3-year-old daughter of a 30-lb. cow
A 25-lb. daughter of a 30-lb. cow
A 25-lb. daughter of Paul Beets Colantha and ten of her sisters by the same sire
A daughter of a 33.10-lb. dam
A daughter of a 32-lb. dam
A daughter of a 30.92-lb. dam
A yearling daughter of King Korndyke Sadie Vale from a 31-lb. daughter of Sir Veeman Hengerveld
A 2-year-old daughter of King Korndyke Sadie Vale from a 26.72-lb. dam
A yearling heifer by a 33-lb. son of Champion Echo Sylvia Pontiac
A remarkably bred granddaughter of King of the Ormsbys
A 2-year-old daughter of King Walker Johanna Lad, her 5 nearest dams averaging over 28 lbs.
King Ormsby Dodo, a yearling son of King of the Ormsbys (by S. P. O. M. and from Spring Brook Bess Burke 2d) from a 26-lb. daughter of King Segis Pontiac Alcartra. The records of his 10 nearest dams (8 above 30-lb.) average 32.22 lbs. This is one of the finest Ormsby-bred bulls that the breed has produced.



C. E. S. P. Waldorf Pietje Clyde

(Reference Only)

The young May Echo herd sire to which many of the females in the herd have been bred

A grandson of May Echo Sylvia by her best son, Champion Echo Sylvia Pontiac

The six nearest dams of this young bull average 33.87 lbs. butter in days and 135.89 lbs. butter, 2785.9 lbs. milk in 30 days

Send For Catalog

E. M. Hastings Co., Sale Managers

Pulaski, New York

CARY FARM DISPERSAL

May 4th

Lexington, Mass.

New England's Great Maytime Sale

100 Holsteins Guaranteed Sound 100

IF you realized the unusual character of the Cary Farm Holsteins—

IF you knew that this wonderful herd of one hundred head is made up largely of individuals of show type—

IF you understood that all average high in pedigree and record backing—

IF you were fully aware that the milking members of the herd are proving extraordinary producers and every day all-the-year record milkers and that they are doing this not under unnatural or forced methods but under such practical common-sense working conditions as the average ambitious dairyman can duplicate—

IF you were convinced that all these remarkable animals are to go under the auctioneer's hammer for whatever price you are willing to pay and that your investment will be protected by a positive 60-day health guaranty and finally—

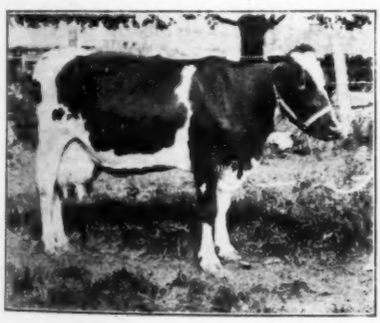
IF you knew that in buying from the owner, Charles F. Fairbanks, you are dealing with a man of unquestioned reliability whose representations can be depended upon absolutely—

IF you remembered that in the herd are a 34-lb. cow and her daughter, a 26-lb. 4-yr.-old, a half-dozen 25-lb. cow (some of these from 30-lb. dams), several daughters of cows with records of 30 to 33 lbs., two daughters of King Korndyke Sadie Vale (one from a 31-lb. dam, the other from a 26.72-lb. dam), a yearling heifer by a 33-lb. son of Champion Echo Sylvia Pontiac, a 2-yr.-old daughter of King Walker Johanna Lad, her 5 nearest dams averaging over 28 lbs., and that one of the finest Ormsby bred bulls of the breed is to be sold, King Ormsby Dodo, a yearling son of King of the Ormsbys (he by S. P. O. M. and from Spring Brook Bess Burke 2d) from a 26-lb. daughter of King Segis Pontiac Alcartra.

IF you fully appreciated all these things—

Wouldn't you want to attend the great dispersal sale at Cary Farm on May 4th?

Every detail of the above specifications we believe actually applies. The Cary Farm is a beautiful farmstead in a historic setting of unusual interest to every patriotic America. **Readers of the World, we summon you to join the ranks of the "minute-men" who will assemble at Lexington on May 4th to vindicate anew the supremacy of our American institutions—among the greatest of which, unquestionably, is the improved Black and White breed of dairy cattle.**



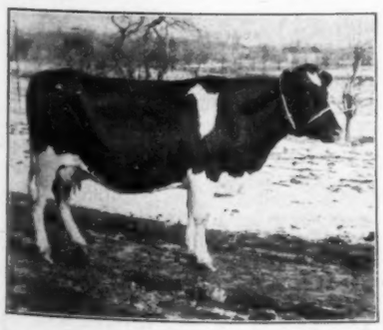
34.62 lbs. butter, 608.6 lbs. milk in 7 days

Don't Miss This Extraordinary Sale

SEND FOR CATALOG

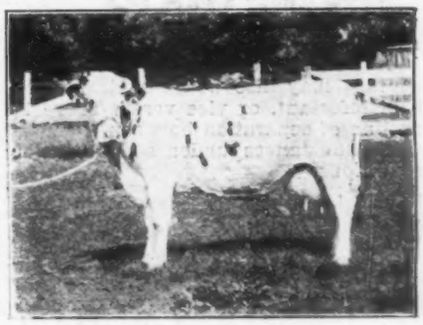
E. M. Hastings Co., Sale Manager

PULASKI, N. Y.



20.15 lbs. butter, 469.6 lbs. milk in 7 days

25.3 lbs. butter, 539.6 lbs. milk in 7 days



23.2 lbs. butter, 540.2 lbs. milk in 7 days

(Continued from page 22)

be applied are valuable. Air is another that needs no special apparatus and is very valuable for a certain class of germs. We have the solid chemicals or disinfectants such as lime and its various preparations or forms; the liquid disinfectants such as creolin, cresol, and carbolic acid; most of the latter are prepared from coal tar. In addition to these there is a large number of mixtures or proprietary preparations, many of which are valuable when properly employed.

A further classification of these agents given above is that of physical and chemical disinfectants; the physical disinfectants include heat, sunlight and air; the chemical include such as lime, creolin, cresol, bichloride of mercury, carbolicacid and many others. The physical are just as effective in many cases as are the chemical but their range of application is limited and they are not used nearly as much as the chemical disinfectants for the reason that the chemical are much easier to apply and can be used under such a wide range of conditions.

Terms Associated With Sanitation

The terms that are used in connection with sanitation are numerous and should be understood by the owner and breeder; they are so closely associated together that many of them are used interchangeably by those who are not familiar with their meaning. A thorough understanding of them will enable the operator to be more efficient in accomplishing the results that he has set out to accomplish.

Sterilization is a much used term and means the rendering of living matter incapable of reproducing itself or of further growth and development. If it is used in reference to germ life as we usually refer to it, the total and complete destruction of all the organisms is meant. Pastuerization means only a partial sterilization of a product and only those germs are killed that can be killed at very low temperatures, while those that require higher temperatures are only hindered in their growth. This latter method is used in the preparation of food products for human consumption.

Disinfectants are also called germicides; they destroy or kill the organisms that cause disease. Antiseptics are agents that prevent or inhibit the growth and development of germs or organisms that cause putrefaction, decay, fermentation of disease. Deodorants or deodorizers are agents that destroy or counteract foul or objectionable odors.

From the above it is evident that a disinfectant may also be an antiseptic and a deodorant; an antiseptic cannot however, be a disinfectant because it does not kill the organisms. A deodorant may also be an antiseptic or a disinfectant, or vice versa. There is no line of separation between some of these substances under some certain conditions.

Physical Methods of Disinfection and How Used

Of this class the best known and most commonly used is dry heat or flame; this consists simply in the complete burning of the substance and is the most effective and safest of all as regards the results. It is not applicable to a wide range of conditions and for this reason can only be used under favorable conditions. Where the walls and fixtures are of iron and concrete and there is no inflammable material present it is often possible to use a blow torch for the killing of lice or other animal pests that may hide in cracks and crevices. The use of heat is also commonly used to destroy litter and trash that collects in the yards where cattle are kept, especially if some contagious or infectious disease has broken out in the herd.

The use of moist heat may be either in the form of heat or boiling water, either of which is very good where they can be used. The boiling water would be more valuable in the summer season than it would be in the winter months as the cold might possibly cool the water so rapidly that it would not have the desired effect. The use of boiling water is much more common than live steam due to the fact that it is easier to use. This is used to clean troughs and feed mangers; also used for the disinfection of feed boxes, buckets and other vessels that are used about the herd. Steam can be used also for disinfecting utensils of various kinds and also for materials that are inflammable.

Sunlight and air are two very common agencies that are valuable in the prevention of disease and in producing sanitary conditions about the buildings and yards; this is particularly true of the buildings as yards will receive plenty of air and also of sunlight unless they are shaded by trees or are under cover. The air through its effect of carrying off moisture, weakens the disease germs and many of them die as they will not live and grow where there is not considerable moisture. There is a class of germs that will not live in the presence of air. The sunlight should be direct and the exposure complete to be of greatest effect. From all appearances too little attention is given sunlight when the buildings for the herd are constructed. While the physical disinfectants are of considerable value in the control or prevention of disease, they are usually supplemented with some of the more commonly known chemical disinfectants which are in common use. There is a very large number of these materials but only a few can be discussed here.

Chemical Disinfectants

These substances can be classed in two groups for convenience, solids and liquids; common ones belonging to the class of solids are lime and bleaching powder. Lime is used for the disinfection of yards and sometimes for stable floors; it is also known as Calcium Oxide or Quick-lime. If it is used where there is sufficient moisture to start slaking it is very effective in destroying germ life. Air slaked lime is of very little use in the destroying of germ life and should not be used. Care should be used in handling quick lime as it is caustic for the skin and clothing; it is valuable in destroying animals that have died with contagious and infectious diseases; such animals should be buried deeply if it is not possible to burn them and then liberally sprinkled with quick-lime after the hide has been ripped open in a number of places.

Chlorinated lime, which is often spoken of as chloride of lime or bleaching powder is also used for its disinfecting properties; this is a mixture of calcium chloride and calcium hypochlorite and depends upon the chlorine gas that it contains for its value as a disinfectant; it is most effective in the presence of moisture. It deteriorates very quickly upon exposure to the air. It is irritating to the mucous membranes of the nose and eyes and will corrode metals. It can be used on the ground that has been soiled by body fluids or where animals have lost blood.

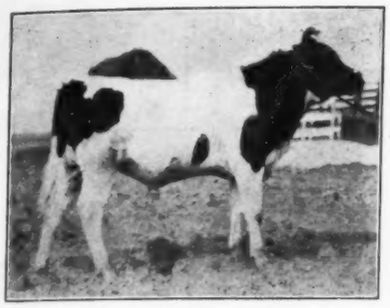
Bichloride of mercury is one of the best known liquid disinfectants; this is not a liquid in the first stage but it cannot be used as a disinfectant until it is made into a solution with water. It is very effective and one part of this can be used with 1000 parts of water with very good effect; it is dangerous to all higher forms of higher animal life as it is very poisonous; this makes it necessary to handle it with much care. It should not be used carlessly as if gotten into the eyes it may ruin the eyesight. It is comparatively cheap and is valuable for cement floors and the like; it should not be used for metal fixtures as it corrodes metals.

Carbolic acid or phenol as it is commonly known, is another very valuable disinfectant and much safer to use under average conditions than is bichloride of mercury. The purified product is too expensive for general use; for this reason the crude carbolic acid is the form used for stable disinfection and is just as effective. Carbolic acid is a solid at ordinary temperatures, but will liquify very readily upon application of heat and a small amount of water. It mixes well with water in weak solutions but it is best to mix it with soap before making it into solution as this makes the solution more stable. It is usually used in from one to five percent solutions for general disinfection the latter percent being more commonly used for floors and walls of the stable and for metal fixtures. Its value is greatly increased by the addition of soap to the solution. Carbolic acid is a by-product from the coal tar industry as are the most of the common disinfectants.

Creolin and cresol are two very commonly used disinfectants and they are also derived from coal tar. They are used in the same strength and like carbolic acid make a much better solution when mixed with soap, before they are mixed with water. Cresol is almost a colorless liquid and is the active ingredient of the stock dips that are in such general use. These preparations are valuable in proportion to the amount of cresol that they contain.

The value of disinfectants depends largely upon the manner in which they are applied and the cleanliness of the area that is to be disinfected; very little good should be expected from solutions that are sprayed over large quantities of debris or other waste material. In disinfection the entire area should be well covered with the solution which should be complete and well mixed.

Our New Junior Sire



KING VALDESSA PONTIAC GEM

A son of King Valdessa Pontiac from Past Cynthia, the highest record daughter of the famous King Pontiac Champion.

We are offering several choice sons of Sadie Vale King and King Korndyke Fannie Veeman from dams with records up to over 30 lbs. of butter and 586 lbs. of milk.

This herd is now on the accredited list and is one of the largest accredited herds in the East.

Let us send you pedigrees of the young bulls.

GARDINER HALL, Jr. CO.

South Willington, Conn.

Quality Sale

De Pere, Wis.

MAY 9, 1921

84 HEAD

Some of the very best Brown County has to offer goes in this sale. When we say quality, we want to assure you we are talking seriously. You will realize this when we tell you that 20 A. R. O. cows are to be sold; that 35 daughters of A. R. O. cows will change hands; that 45 cows bred to 30-lb. bulls will come under the hammer. You will find among the offerings a 28½-lb. four-year-old daughter of a 29-lb. cow, bred to a 37-lb. bull.

The bull offerings will appeal to you, which include a son of the Mighty Monarch out of a 37-lb. cow, a son of King Segis Pontiac Superior from a granddaughter of King Segis Pontiac Count, a grandson of Sir Pietertje Ormsby Mercedes 37th through Sir Pietertje Ormsby Piebe, whose eight nearest dams average 31 lbs. and whose seven nearest dams average 831 lbs. in a year.

Brown County boasts of the health of her cattle and justly so. The sale will be governed by the Wisconsin Federation rules including the 60-day re-test.

Come to De Pere on May 9th and take advantage of the benefits that this choice assemblage of cattle offers you.

For Catalog address

Francis Darcey

WATERTOWN, WIS.

A Prominent Michigan Herd

To Be Dispersed

Grand Rapids, Mich. May 26th, 1921

The Buth Dispersal

Mr. M. D. Buth is dispersing his entire herd which will include a 28-lb. cow and calf by her side, sired by a son of a 43-lb. cow; also a 30-lb. cow and her son by a son of a 43-lb. cow; a 28-lb. four-year-old with eight 30-lb. sisters and her daughter by a 43-lb. sire; a 26-lb. cow with 655 lbs. milk and her son by a 43-lb. sire; a 22-lb. daughter of a 32-lb. cow and her daughter by a son of a 43-lb. cow; a 23-lb. three-year-old with 567 lbs. milk and her daughters; a dozen two, three, and four-year-olds with good records—in fact, every animal in the sale of milking age has a creditable A. R. O. record. TWELVE GRANDDAUGHTERS OF A 43-LB. COW SIRED BY GLEN ALEX KING DE KOL, he by a full brother to the first 44-lb. cow from a 43-lb. four-year-old daughter of Teetje Queen De Kol, a 42-lb. cow and two 42-lb. daughters. There are also granddaughters of Spring Farm King. Every female of breeding age, twenty-seven in all, are in calf to Glen Alex King De Kol, a 43-lb. sire.

The Maryland Farms Consignment, Dudley E. Waters

This consists of seventeen granddaughters of Colantha Johanna Lad, eight with records from 20 to 29 lbs., three with over 600 lbs. milk in 7 days. Eleven average over 500 lbs. Also a 26-lb. three-year-old; a 22-lb. three-year-old; a 26-lb. four-year-old. All beautiful individuals. A show cow with a 32-lb. record from 716 lbs. milk, also with 1100 lbs. butter from 25,000 lbs. milk in a year. This is the seventh highest semi-official year record. A number sired by Glen Alex King De Kol. Also a yearling daughter of a 32-lb. cow sired by a son of a 45-lb. cow and in calf to a bull whose dam and grandam are both 42-lb. cows. Also a yearling son of the Michigan state champion heifer for yearly production, sired by a son of a 38-lb. cow.

Fifteen animals in Mr. Water's consignment are in calf to Glen Alex King De Kol.

If you want healthy cattle, come to this sale. If you want good individuals, come to this sale. The Michigan State Sale will be held on the day following two miles from this sale. For catalog address

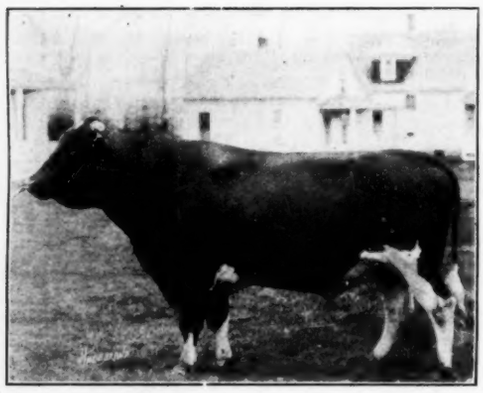
M. D. Buth **Comstock, Mich.**

Woodlake and Clover Farms

"The Home of the Ormsbys"

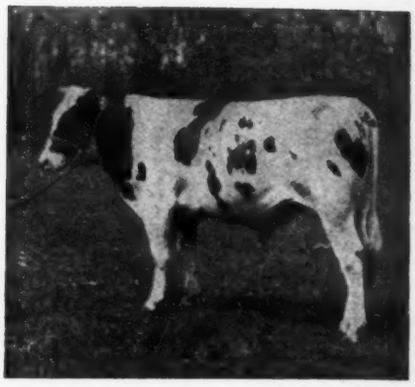
To The Minnesota State Sale

FARIBAULT :: MAY 4th



Sir Pietertje Ormsby Mercedes 41st

"The State Sale Classic of The Year"



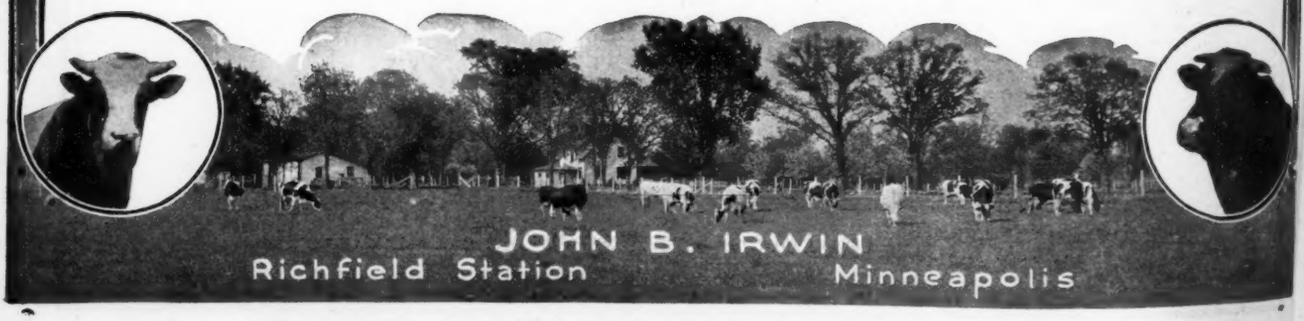
Sir Ormsby Akkrummer Hengerveld

EDENVALE NELLIE VEEMAN PIETERTJE

One of the beautiful daughters of **Sir Pietertje Ormsby Mercedes 41st** with a junior 2-yr.-old record of 17.28 lbs. of butter. She is bred to our junior sire, **Sir Ormsby Akkrummer Hengerveld**, grandson of Duchess Skylark Ormsby and from the 39-lb. Miss Korndyke Akkrummer Ormsby.

TWO DAUGHTERS OF SIR P. O. M. 38th

Both over 20 lbs. as "junior threes" and both from good A. R. O. daughters of **Colantha Johanna Champion.** They closely combine the blood of the three great cows—all world's champions in their day,—**Pietertje Maid Ormsby, Colantha 4th's Johanna** and **Glen Canary De Kol**



AT FARIBAULT MAY 4th

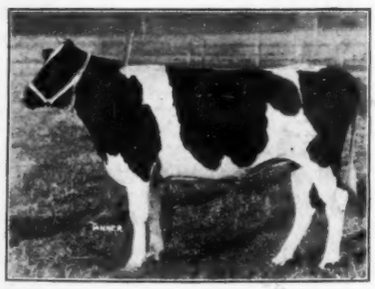
THIS 31-LB. HEIFER

In the State Sale

Faribault Minnesota May Fourth

MISS NETHERLAND PIEBE
31.35 LBS. BUTTER MILK 652.8 LBS.
At Barely 4 Years.
One of our greatest producing daughters of SIR KORNDYKE GLEN
from a 21-lb. Ormsby bred dam.
She will be sold in the State Sale.

And Her Daughter



PIEBE ORMSBY GLEN JOHANNA
A daughter of the 31-lb. 4-year-old, both to be sold at Faribault.
She is a double granddaughter of Sir Korndyke Glen, show bull and sire of producers. Just two years old, this beautiful heifer is safe in calf by one of the richest bred show bulls in Minnesota.

Bred to This Bull

SIR HENGERVELD PIETERTJE ORMSBY
First Prize at Minnesota State Fair and at Waterloo. Second at the National. How do you like him?
His dam has three year records as a yearling, a 3-year-old and a 4-year-old, averaging over 1000 lbs. and her mature record will be over 1200 lbs. The heifer we are consigning to Faribault is bred to this bull.

COME TO FARIBAULT PREPARED TO BID ON THIS GREAT DAM AND DAUGHTER

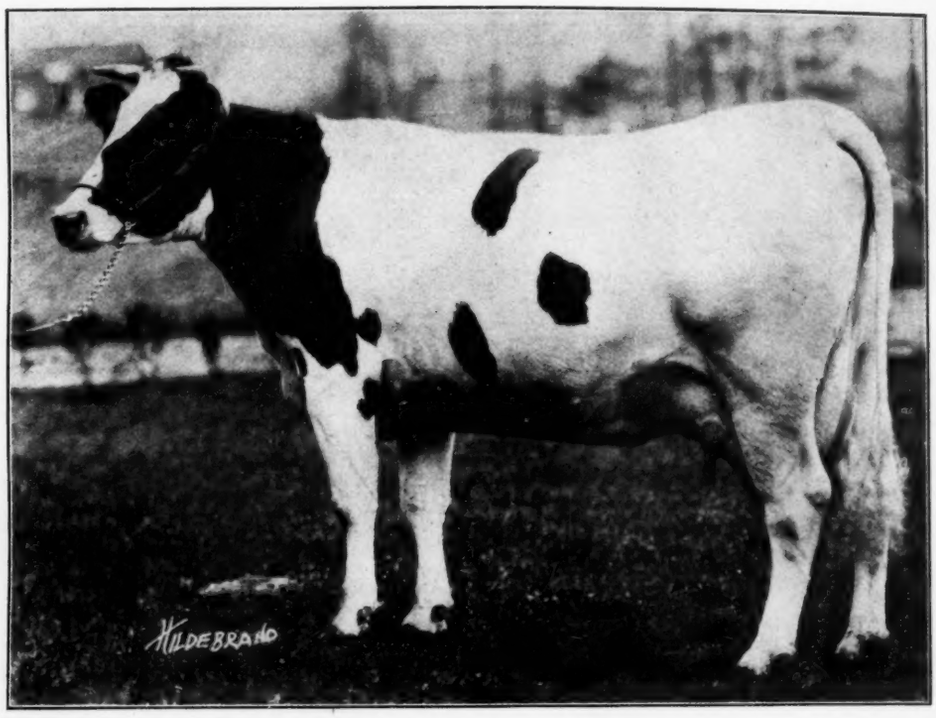
Minn-Otonna Holstein Farm

(The Herd Just Passed a Triple Test)

H. W. Schroeder, Owner *Owatonna, Minnesota*

Watch for More "Cedar Lawn" Daughters—

—This First a 20000-lb. 2-Year-Old



PINEHURST QUEEN ALENE

Butter 912 - - - - Milk 20141.3

For some little time we have been telling you about our herd bull,—

CEDAR LAWN CANARY PAUL 4th

We have told you his first daughter to finish a year(pictured above) and producing from an udder never fully developed in two quarters, has made better than 20000 lbs. milk and well over 900 lbs. butter.

JUST WATCH LATER ISSUES. Another of his daughters, now ten months along as a 2-yr.-old is milking over 60 lbs. a day NOW.

With but one exception every one of his two-year-old daughters passed the 20-lb. mark. Cedar Lawn Canary Paul 4th is a son of the 1920 National Dairy Show Grand Champion.

We own several of his close relatives and know what can be expected from them. When the daughters of Cedar Lawn Canary Paul 4th get their developement we have good reasons to believe you will find him measuring up to any young sire of the breed.

A Few Young Bulls of Right Breeding For Sale.

Pinehurst Farms Co.

K. L. Juve, Mgr. ***Sheboygan Falls, Wis.***

A PEEP BULL

At the Head of Your Herd

would increase the production and individuality of your Holstein Herd

We Have Sons of

MEADOW HOLM PEEP HARTOG

OUR JUNIOR SIRE

His Dam.....Butter 1287 Milk.26,204
Her Full Sister.....Butter 1250 Milk 27,762

His Sons are from our great producers

CLEVELAND CITY FARMS

Warrensville Ohio

JEMIMA BULLS

Direct Descendants of

Jemima Johanna of Riverside

The Only One in Her Class

THE ONLY 1200-lb. cow to have two daughters averaging over 1200 lbs. of butter each.
THE ONLY 30000-lb. cow to have three daughters averaging over 25000 lbs. of milk each.

Jemima and Five Daughters

Average

Butter 1025.7 Milk 23492

A son of Jemima is in service here
A son of her best daughter is in service here
Jemima and her five daughters were developed and are owned here.

We are headquarters for Jemima Bulls.

Llenroc Farms

W. C. Houck & Sons Chippewa, Ont.

If a Consignment Could be Picked from Our Herd that Contains

The highest record cow
The only cow to sell for over $3000 without any strings
The highest priced dam and daughter
The highest priced calf
The highest average of any consignment

At the First New York State Sale

This ought to be a pretty good place to get your next herd sire.

THINK IT OVER

Bestoval Stock Farm

Under Federal Supervision

Dygert Bros. Fort Plain, N. Y.

Home of the

World's Champion Senior 2-Year-Old

For 60-day milk production
State Champion for 7 and 30 days

A Son of This 25-Lb. Cow

Calf Born Dec. 5th, 1920

Beautiful individual. Wonderfully Well Grown. Sire is King Korndyke Sadie Vale Wayne, a K. K. S. V. son from a 29-lb. daughter of Sir Veeman Hengerveld.
Calf's dam, Carmelita Netherland De Kol, has just completed a record of 25.47 lbs. butter and 432 lbs. milk. She is a great producing cow and we expect her to increase this record the next time she freshens.

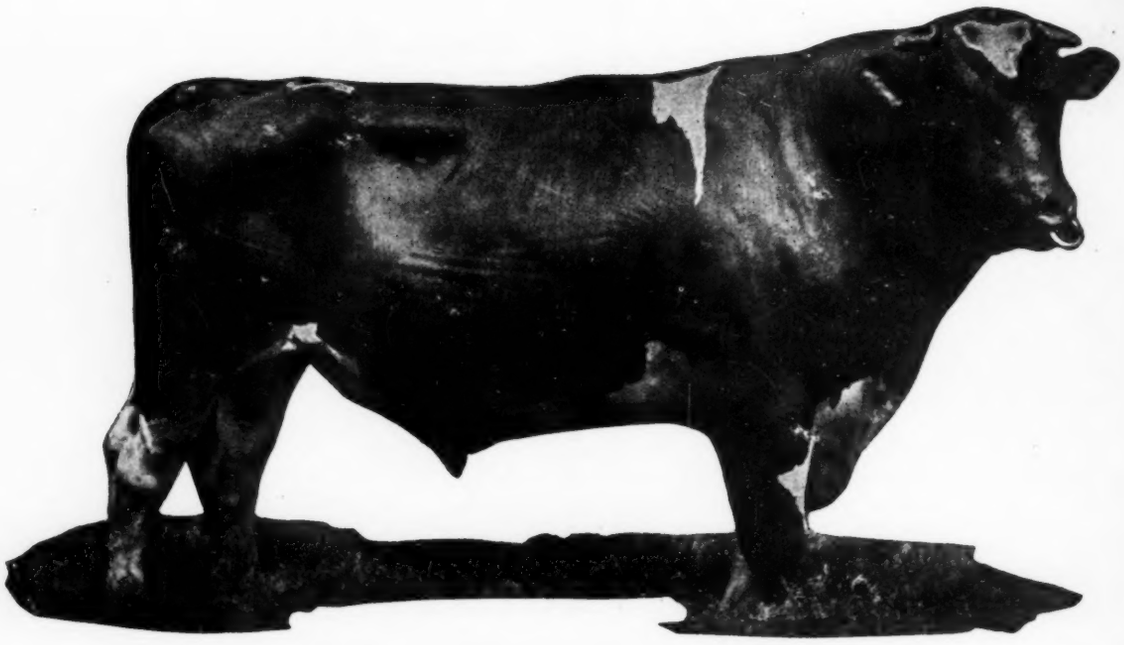
Price $250 f. o. b. Jamesburg.

We have a few choice heifers, dams of which have made from 18 to 29 lbs. in heifer form, and sired by a 30-lb. bull. Prices $200 and up, f. o. b. Jamesburg.
Our Herd is Federally Accredited.

FORSGATE FARMS

H. T. Underwood Jamesburg, N. J.

Duke Pietertje Korndyke Ormsby



"THE BULL WITH A FUTURE"

A Son of Sir P. O. M. — From a Three Times 1000-lb. Cow

On the opposite page the owners of Duke announce their respective consignments to the

THIRD MINNESOTA STATE SALE

FARIBAULT, MAY 4th

WE HOPE TO MEET YOU ALL AT FARIBAULT

This Advertisement Published by

The Joint Owners of Duke

(See Opposite Page)

A 41st Daughter at Faribault

BRED TO COUNT

I am sending to the State Sale a 2-year-old daughter of

Sir Pietertje Ormsby Mercedes 41st

Just ready to freshen by King Segis Pontiac Count. She is by a son and from a granddaughter of old Sir Piet.

Look Her Up at Faribault.

MUDCURA HERD
Dr. H. P. Fischer
SHAKOPEE, MINN.

A 30.91-lb. 4-year-old at Faribault

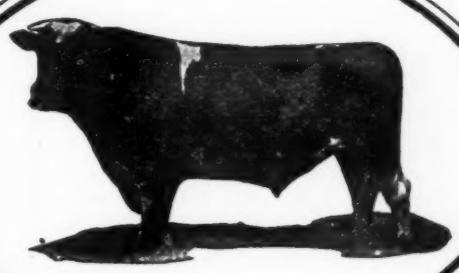
BRED TO DUKE

We are sending to the State Sale
K. S. P. Segis Lyons

With a 30.91-lb. record at 4½ yrs. 2nd prize at Waterloo, 1919. She is by the century sire, King Segis Pontiac and from a 20-lb. 2-year-old daughter of a 30-lb. cow.

Also a 2-year-old, bred to Duke. Her dam headed for 30,000 lbs. milk. A great pair.

MINERAL SPRINGS STOCK FARM
SAVAGE, MINN.



AT FARIBAULT

A 17-lb. 2-Year-Old A Daughter of A 34-lb. Cow

We are sending to the State Sale a 17-lb. 2-year-old bred to Sir P. O. M. 43d, who is a son of old Sir Piet from Aaggie Wayne Peep.

Also a young daughter of Pinehurst Piebe, 34.43 lbs. Sired by a 40-lb. bull. These are two beautiful heifers—worthy of careful attention.

Long Lake Live Stock Co.
St. Paul, Minn.

AT FARIBAULT

A 20000-LB. HEIFER

We are sending to the State Sale Pauline Segis Johanna Grahamholm.

At 4 yr. 5 mo.
Butter .....865.9 Milk 20,346
At 2 years
7 days
Butter .....20.27 Milk 479.7
365 days
Butter .....719.48 Milk 17,782

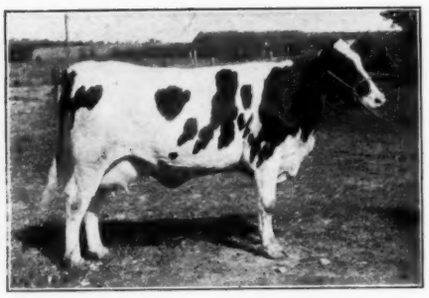
She is a daughter of King Segis Johanna Grahamholm, bred to Dutchland Creamelle Colantha Lad.

Her dam has been Grand Champion at Minnesota State Fair and the Cattle Congress.

GRAHAMHOLM FARM
Dr. C. Graham, Owner
H. R. Searles, Manager
Rochester, Minn.

A "Bess Burke" Bull

From This Beautiful 2-Year-Old



Daisy Queen Bess Ormsby

At 2 Years 4 Months
Butter.....18.71
On Year Test

We have a beautiful December, 1920, son of this heifer sired by Marathon Bess Burke, whose five nearest dams average over 1128 lbs. butter. His dam, Bess Burke Ormsby, highest 7-day record daughter of Sir Pietertje Ormsby Mercedes, also with a year record of over 1164 lbs. butter from over 26,000 lbs. milk.

This bull's dam is one of the finest daughters of Sir Pietertje Ormsby Mercedes 37th. She is a full sister to a heifer that made over 540 lbs. in ten months, carrying her calf 160 days. The second dam has a 22-lb. 7-day record, also a year record of 700 lbs. butter, and has four record daughters.

In this calf, you get four crosses of the blood of Sir Pietertje Ormsby Mercedes and three crosses of the blood of Spring Brook Bess Burke, through her three greatest daughters, each of them with over 1100 lbs. in a year.

LONE PINE STOCK FARM

John Erickson & Sons Waupaca, Wis.

HOLSTEIN LEADS IN MISSOURI COW RACE

The leader in the Missouri cow race for the month of January is the University of Missouri cow, Campus Lady Hengerveld Pauline. She is credited with a production of 2,297 lbs. milk, 97.41 lbs. butterfat. She does not compete for a prize. A Jersey cow comes second, but the third is Wadmantje Finderne Pride Pontiac, owned by the Pickering Farm, Belton, with a credit of 2,801.7 lbs. milk, 84.36 lbs. butter. 75 cows made 50 lbs. fat or its equivalent as heifers; 6 cows made over 80 lbs. fat, 21 over 60 lbs. Johanna Cora Melchois Gem Walker, owned by the Pettis County Holstein-Friesian Company, made 83.74 lbs. fat, 2,294 lbs. milk. The 6th cow was owned by the University of Missouri and was a Holstein, the 8th by Harry Cooke, 9th by Fredmar Farms, 10th by J. F. Bluhm, 11th by the Pickering Farm, 12th and 13th by Harry Cooke, and everyone was a Holstein. Of the 75 cows on the honor roll 38 were registered Holsteins. There were 74 Holsteins in 16 different herds in the competition, 267 Jerseys in 41 different herds and 7 Guernseys in 2 herds, with one lone Ayrshire cow. In all 383 animals were tested.

IDAHO COW TESTING NOTES FOR JANUARY

Hildegarde, a Holstein cow owned by Joe Brewer, of Meridian, led the Ada county. Association for the month of January by producing 1,720 lbs. milk, 65.4 lbs. butterfat her average test being 3.8 per cent.

* * *

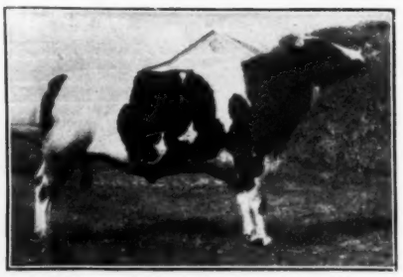
Institute Hope Walker, a 3-year-old, made 2183 lbs. milk, 72.06 lbs. fat in the Weiser-Payette Association. She is owned by the Intermountain Institute of Weiser. This heifer was the highest producer in the six Idaho cow testing associations.

* * *

Big Enough, a Holstein owned by the Experiment Station at Caldwell, made 739 lbs. milk, 64.3 lbs. fat in the Canyon Association was one of nine

* * *

The highest producing herd in the Canyon Association was one of nine registered Holsteins owned by H. H. Stiyer of Nampa. They averaged 1479 lbs. milk, 43.45 lbs. fat.



KING SEGIS PONTIAC GRAHAMHOLM
No 183807

Concerning Our Senior Sire

KING is a show ring winner.
KING'S sons and daughters are show ring winners.
KING'S Dam is a show ring winner.
KING'S weight at 5 years, 2500.
KING'S Dam weighs 1800.
KING has a daughter that will make a ton cow.
KING'S dam milked 742 lbs. for 7 days.
KING'S daughters are making good A. R. O. records.

Write us for Chart Pedigree, Picture and price on one of his yearling sons.

Chedi-Lake Stock Farm GAGE & KURTZ **Groton, S. D.**

Complete Dispersal Sale

Lewis E. Jones Herd

New Woodstock, N. Y. **April 30th, 1921**

70—HEAD—70

This is a complete dispersal of one of the best producing dairy herds in Madison County. It is also a herd of exceptionally well bred animals.

There are a number of good A. R. O. cows with records up to almost 27 lbs. butter and 600 lbs. milk and the major part of the animals are from officially tested dams.

The herd is strong in the blood of Pontiac Korndyke and King of the Pontiacs. Among the cows to be sold is a 19-lb. three-year-old daughter of King of the Pontiacs Small Hopes from a granddaughter of King Segis; a 23-lb. granddaughter of Korndyke Pontiac Pet from a 24-lb. dam; a sister to Sunrise Hengerveld Caroline 41.07; a granddaughter of King of the Black and Whites; a 17-lb. granddaughter of Lord Netherland De Kol; a 26-lb. granddaughter of King Hengerveld; a 21-lb. granddaughter of Korndyke Abbekerk; a 21-lb. granddaughter of King Segis Beets.

17 GRANDDAUGHTERS OF PONTIAC KORNDYKE

These are all daughters of Sir Pontiac Mabel Korndyke, a proven son of Pontiac Korndyke from Pontiac Mabel Korndyke, also a daughter of the same sire. These heifers range from calves of 1920 to five-year-old cows. A few of them have made records. They are exceptional prospects. Many of them are from dams with records up to 22 lbs. butter and 600 lbs. milk.

10 GRANDDAUGHTERS OF SIR PONTIAC WALDORF PIETJE

These are calves of 1920 and 1921, sired by Brookside Waldorf Sir Artis by Sir Pontiac Waldorf Pietje from a 28-lb. daughter of King of the Pontiacs. Dams are very largely granddaughters of Pontiac Korndyke.

Many of the cows and heifers are in calf to Brookside Waldorf Sir Artis and Grindetia Jewel who is from the famous 34-lb. cow, Locust Grove Jewel.

The sale will be held on the farm of the owner, Lewis E. Jones, located at New Woodcrest, N. Y., south of Cazenovia, on the Lehigh Valley Railroad.

Management of

Liverpool Sale & Pedigree Company

Liverpool, New York

All Done Up In One Package

A Daughter of 41st
A Daughter of a 1000-lb. Cow
A 2-Year-Old Bred to 37th

I am consigning to Faribault

Beauty Segis Fayne Ormsby

Born March 20, 1919

Sire—SIR P. O. M. 41st
The $65,000 Bull

DAM:

30.56 lbs. Butter, 600 lbs. Milk
1057 lbs. Butter, 23,479 lbs. Milk

Safe in calf by
Sir Pietertje Ormsby Mercedes 37th
This is just one of the greatest heifers ever led into the auction ring.

T. H. SKREI

Glyndon Clay County Minnesota

A Daughter of Duke At Faribault

I am Consigning

Clara Pietertje Johanna 2d

Butter 3y 2da 21.61

A daughter of Duke Pietertje Korndyke Ormsby from a dam with 853 lbs. butter in a year. Will be bred to Sir P. O. M. 37th.

A Long Time Ormsby Bull

Ready for Service

His sire combines the blood of two great individual and yearly producing daughters of Sir Piet. His dam has 857 lbs. butter in a year. She won first at North Dakota and the sire's dam has been Grand Champion at Waterloo. Don't overlook this consignment at Faribault.

E. F. Krabbenhoft

Sabin Clay County Minnesota

Three Daughters of 22d

All Bred to 37th

In the State Sale

Faribault Minnesota, May 4th, 1921

I am Consigning to Faribault

Three Young Daughters of

SIR PIETERTJE ORMSBY MERCEDES 22D

who is a son of Sir Piet from Minnesota's First 1000-lb. Cow.

ALL THREE HAVE NICE HEIFER RECORDS (Yearly)
ALL THREE FROM YEAR RECORD DAMS
ALL THREE BRED TO SIR P. O. M 37th

Ages two, three and four years

N. B. Two of the three are full sisters being out of a 28-lb. cow with 745 lbs. milk and a good year record.
The third is from a 25-lb. 10-year-old with 705 lbs. milk in 7 days and 26,027 lbs. in a year.

O. J. GROVER

Glyndon Clay County Minnesota

Herd under Federal Supervision

HERE HE IS!

The best young bull you can find in "The World" for $300.00. By a thousand-pound sire from a 30-lb. cow. Born Feb. 4, 1920. Light in color and a very desirable individual. He is sired by Sir Pietertje Skylark Ormsby whose nine nearest dams average 1020 lbs. butter from 21,280 lbs. milk. He in turn is sired by the only son of the only 1500-lb. cow, Duchess Skylark Ormsby.

His grandsire on both sides is the famous Sir Pietertje Ormsby Mercedes with fourteen 1000-lb. daughters. The dam is Edenvale Sad.e Woodrow, with a record of 30.51 lbs. butter from 518 lbs. milk, and her dam was Woodrow Hengerveld De Kol, our famous old show cow. Pedigree on request. Herd on federal accredited list.

M. L. Enright

East Grand Forks, Minn.

DAM'S RECORDS

Age	Butter	Milk
2y 2m	715.51	14844.5
3y 4m	952.08	20286.6
4y 11m	1136.01	24123.1
6y 2m	1127.36	24489.1
7y 4m	982.43	21642.7

MARATHON ORMSBY

His dam and sire's dam, both daughters of Sir P. O. M., have together made eight records all but two in heifer form:
20989.9 lbs. milk; 975.06 lbs. butter

MARATHON ORMSBY | Derives 50% of his blood from Sir Pietertje Ormsby Mercedes and Queen Piebe of Fairview—a great foundation cow. Additional crosses to Spring Brook Bess Burke and Sir Johanna Canary De Kol.
Several Marathon Ormsby bulls now for sale.

M. C. KRONEMANN

Fergus Falls **Minnesota**

Sire's Dam's Records

1y 10m	517.42	11477.9
2y 10m	980.21	20825.2
4y 4m	1389.45	30230.2

Set Your Date Memo For

Wheatfield Farms Neighborhood

Consignment Sale

Friday and Saturday

May 20th and 21st, 1921

AT

Wheatfield Farms

Grove Sales Pavilion

Adjoining Farm—Niagara River Road, near Tonawanda, N. Y., Suburb of Buffalo.

This will be an exceptional opportunity for the prospective Holstein Breeder to secure his foundation stock or fill out his herd with pure bred Holsteins that have been bred for individuality, quality and high milk production.

Wheatfield Farms in this, its first Holstein Sale, will place before the public a number of its finest individuals to help along the good work of promoting the Holstein Industry throughout the country and particularly in New York State.

Come and bring your friends and neighbors to what present indications will prove to be one of the most successful sales ever held in Western New York.

A Herd Sire For You

Collins Farm Sir Veeman Hengerveld

Born October 16, 1920.

By a proven 30.9-lb. son of

Sir Veeman Hengerveld

From a 26-lb. 3-year-old daughter of

Vanderkamp Segis Pontiac

whose dam has four 30-lb. records and 1000 lbs. in a year.

Sisters to his dam are breaking State Records right and left, with records up to 29 lbs. at 3½ years. His 12 A. R. O. daughters at 2 and 3 years old, average over 20 lbs. each.

This is a Good Family to be Connected with and the Bull is a Bargain.

Collins Farm Company

(Under Federal Supervision)

Sabetha, Kansas

THIS 1100-LB. K. P.

The Largest Record K. P. Bull in Service Today

Heads Ohio's Largest Accredited Herd

King of The Pontiacs' Son

A FEW OF HIS DAUGHTERS

Short Test

Daisy Hill Pontiac Topsy.....3y 3m 30.99
Daisy Hill Pontiac Maggie.....3y 7m 28.33
at 2y 2m 22.66

Several others above 17 lbs. at 2 yrs.

Long Test

Daisy Hill Pontiac Bertha.....3y 3m 745.39

Five others above 600 lbs. as junior two-year-olds.
Two of them in 305-day division
His Dam is
PAULINE BRIGHTVIEW

Butter.....1119.91 Milk.....25,606.1

Strictly Official

ASK US ABOUT A K. P. BULL

Jas. A. Reynolds

DAISY HILL FARMS

Chagrin Falls, Ohio

The Largest Accredited Herd in Ohio

IT LOOKS AS THOUGH "BOB" FANCIES CHICKENS

Only a few of the Holstein breeders know that R. E. Haeger, auctioneer, judge and breeder of Holsteins, is also a breeder and exhibitor of poultry. The fact is that "Bob" was exhibiting chickens before he exhibited Holsteins. At the recent poultry show at Madison Square Garden, New York City, the biggest poultry show of the country, Haeger cleaned up with his exhibit of Speckled Sussex. There were fourteen exhibitors, the Haeger string winning the following prizes.

Cocks—First and fifth.
Hens—Fifth.
Cockerels—Second and third.
Pullets—Second, third and fourth.
Old Pens—First.
Young Pens—First.
Special prize for largest and best display of Sussex.

Chicago Wonder, Haeger's prize cock, again won first place as cock, which stamps him the greatest undefeated Sussex male ever shown in this country.

Mr. Haeger, who as far back as 1888 made a specialty of breeding Barred Rocks which he showed with considerable success, purchased his first Speckled Sussex chickens about five years ago. He is a busy man nowadays because besides selling at auction sales and fussing with his poultry, he is acting as cattle judge at a number of leading shows.

FROM RHODE ISLAND TO MICHIGAN

Editor World:

Walter Dillman of Dowagiac, Michigan, has put the bull, King Johanna Segis Konigen, at the head of his herd of purebred Holsteins. This bull has for a sire King Netherland Segis Konigen whose dam was for a time the world's champion in her class. His sire is King Segis Pontiac Konigen whose daughters are making a wonderful showing in both short and long time tests.

The dam of the bull is Johanna Echo Rue Segis who made a record of 24.2 lbs. butter and 499.8 lbs. milk as a 4-year-old, and then came beck as a 5-year-old with a record of 29.66 lbs. butter and 542.8 lbs. milk. She is a fine large cow and gives promise of keeping right on raising her record for some time to come. The records of Mr. Dillman's bull's dam and sire's dam average 36.63 lbs. butter and his ten nearest tested dams average 32.41 lbs. H. B. Ayers.

Correct Type With Yearly Productions

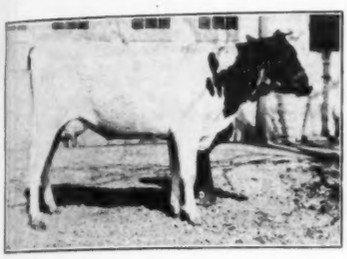
Never mind the 7-day forced butter record. It is the production during the other 358 days in the year under normal conditions that determines a cow's producing ability.

Sir Johanna Fayne (42147)

IOWANA FARMS **Davenport, Iowa**

23-LB. JUNIOR TWO-YEAR-OLD IN NEW JERSEY

Hubbevale Pontiac Lyons Alcartra is a great granddaughter of the 450,000 sire King Segis Pontiac Alcartra, and through her dam she traces to King Lyons, so that she has a right to be a good one. She is owned by Martin J. Sheridan of Annandale, N. J., and freshened February 24, when she was exactly 2 years 83 days old. In 7-days' official test she produced 483.8 lbs. milk, 23 lbs. butter, or 150 per cent over her Advanced Registry requirements. At this rate, a full age cow to equal the showing of this heifer would have to make a 37-lb. record.



HUBBEVALE PONTIAC LYONS ALCARTRA

483.8 lbs. milk, 23 lbs. butter in 7 days, calving at 26 months old. Owned by M. J. Sheridan, Annandale, N. J.

Her sire is King of the Alcartras. His dam is a 35-lb. daughter of Pledge Spofford Calamity Paul and his sire is King Segis Pontiac Alcartra. The dam of the heifer made 437 lbs. milk and 18 lbs. butter as a 2-year-old, and traces to some of the greatest sires of the breed including King Lyons.

Mr. Sheridan recently purchased the Blossom Hill Farm at Lebanon, N. J., an establishment formerly devoted to fruit growing. He is fast developing a splendid Holstein herd and has 18 cows at present of which two have 30-lbs. 7-day butter records. The herd is under state and federal supervision. Mr. Sheridan is a member of the New Jersey Holstein-Friesian Association.

A year ago, A. H. Burns of Gresham, Oregon, sold the Carnation Stock Farm a cow, Queen Carrie Johanna, a show cow and a real producer. He recently received a letter from the Farms, telling him that this cow had made 27,330.5 lbs. milk, 1007.9 lbs. butter in a year. She has had three calves and has never been dry since she first freshened in January, 1918.

Pickering Farm Holsteins-

From World Record Producing Stock

Finderne Pride Johanna Korndyke, our herd sire, is well known for his prepotency, his dam, Finderne Pride Johanna Rue, is the highest yearly record cow now living. Our Holstein herd is thoroughly bred along these lines—following is a 30-day record of one of his daughters:

MISSOURI HEALTHY HOLSTEINS

BEAUTY BONHEUR GRETCHEN 399427

Milk 30 days ..... 3,000 lbs.
Butter 7 days ..... 29.72 lbs.
(Official not yet reported)

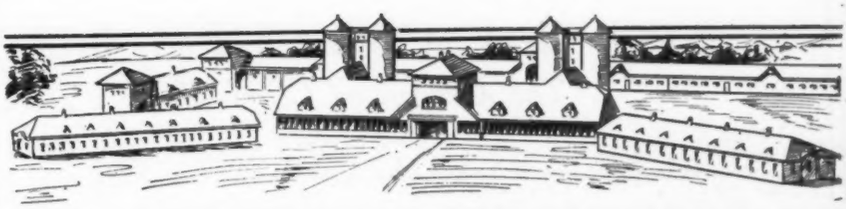
This heifer has a bull calf that is worthy of anyone considering for a herd sire. We also have other young breeding stock, bred along the same lines, for sale.

Purely a Breeding Establishment.

Pickering Farm

Major Harlo J. Fiske, Mgr.

Box A, Belton, Mo. **Just South of Kansas City on Rock Road**



The Wisconsin State Milk Champion

Is the Grandam of This Bull

We offer a 15 months old son of Sir Pietertje Ormsby Mercedes 38th, a full brother to Glen Canary De Kol 2d with 1323 lbs. in a year. One of the best sons of Sir Pietertje Ormsby Mercedes.

The dam is Johanna Darkness 3d, with a 23-lb. three-year-old record, she by a son of Segis Betta, the greatest daughter of King Segis and dam of King Lyons. The grandam is the famous cow, Johanna Darkness, with 31 lbs. butter from 706 lbs. milk in 7 days, and over 131 lbs. butter from 3438 lbs. milk in 30 days, both milk records being Wisconsin state records. She is a granddaughter of that famous cow, Colantha 4th's Johanna.

Every dam for five generations back of this cow is officially tested. One of our best.

W. J. Gillette & Sons **Rosendale, Wis.**

Bonalevo Farms Sale

Batavia, N. Y. May 4th

FORCED BY RECENT FIRE

The sale will include four daughters of King Maxie De Kol Segis, a full brother to Fancher Farm Maxie, the world champion 46-lb. four-year-old.

There will also be eight sisters to Bonalevo Quality Parthenea, who topped the State Sale at Rochester, with her record of 720 lbs. milk as a four-year-old.

There will be a dozen cows in calf to Colantha Johanna Lad 8th, the only sire with two 800-lb. milk producing daughters. Ten of his daughters have milked over 600 lbs. in a week.

Two are in calf to the famous Colantha Sir Aaggie, the only son of Colantha Johanna Lad and Aaggie Cornucopia Pauline.

45 Head

PLEDGED TO
ABSOLUTE SALE
SOLD WITH
RETEST GUARANTEE

25 Cows and Heifers

In these animals you are buying the same breeding as our consignment to the Rochester Sale which averaged $908 per head and to the Brentwood Sale, which averaged $1506 per head. This will probably be one of your last chances to buy good cows in calf to Colantha Johanna Lad 8th.

15 Young Bulls

Including several sons of Colantha Johanna Lad 8th and sons from some of his daughters. Many of these are ready for service. Sons of Colantha Johanna Lad 8th and of course brothers to the only 800-lb. sisters in the world. Head your herd with one of these bulls at your own price.

BONALEVO FARMS

R. E. Chapin & Sons *E. E. Poole, Mgr.*

Sale is at the farm adjacent to the City of Batavia, N. Y., located on the main line of the New York Central, Lehigh Valley and Erie railroads.

Clark County Quality Holstein Sale

Owen, Wisconsin

May 3rd, 1921

60—Head of Selected Pure Bred Holsteins—60

The Cream of Clark County's Best Herds

These cattle were selected by the three officers of the Clark County Holstein Breeders' Association and nothing but two or three of the best of each herd were permitted to be entered.

The quality and type of these animals is as good as any found in any show ring. If you want to buy come and see Cark County's best animals.

To show you, most of the cows are bred to the following reference Sires.

1. **King Korndyke Haldee Ormsby, a $8500.00 bull,** his two nearest dams average butter 365 days 1137.61, milk 23860.85, butter 7 days 32.58, butter 30 days 135.45.
2. **King Hendricke of Piebe,** a $5000.00 sire, a son of Piebe Laura Ollie Homestead King out of a daughter of King Segis Pontiac Count, butter 365 days 966, butter 7 days, 32.9 as a 3-year-old.
3. **Producer.** His two nearest dams average 1191 in one year, his four nearest dams 30.26 in 7 days.
4. **Sir Bess Ormsby Starlight**—a son of 37th whose three nearest dams average 1048.

We have the best bred 6 months old heifers at this sale ever dropped in Clark County, sired by Reference Sire No. 1.

Also we have two of the best bred bull calves ever born in Clark County.

No. 1—Sired by Reference Sire No. 1, out of the full sister to Prospect Johanna Posch, Champion 4-year-old butter cow in the State. Dam is making over 900 butter this year.

No. 2—Sired by King Pietertje Ormsby Piebe, show bull winning 4th at Waterloo Cattle Congress, also at Chicago, whose 4 nearest dams average over 1000 lbs., dam of calf a 2-year-old daughter of Duke Pietertje Korndyke Ormsby 8th, whose two nearest dams average 1056 lbs. This heifer is making a fine yearly record. Calf is almost perfect individual.

Also a number of heifers whose dams milked 100 lbs. milk per day on official test, records 25 to 30 lbs. of butter.

Most of the cows with records from 20 to 30 lbs., showing fine breeding all through pedigree, bred to Reference Sires. All animals tuberculin tested, sold subject to 60 d y retest. This is Clark County's first quality sale; you can close your eyes and bid and get every dollar's worth you pay for.

JOHN WUETHRICH, Sales Manager

Auctioneers—Krause and Mack. Everson in Box.

Address inquiries to John Wuethrich, Greenwood, Wisconsin. **Catalogues ready April 15th, 1921.**

The Third Michigan State Sale

FRIDAY, MAY 27, 1921

At West Michigan State Fair Grounds, Grand Rapids, Michigan

After travelling over the state nearly a month, our inspector, Mr. John C. Buth, says that he has selected 75 head of Michigan's choicest Holsteins and that the sale will far excel our other sales, both in the individual quality and in the breeding of the consignments offered.

Our first two state sales, held during 1920, included 127 animals and averaged $687.00 per head, and we are confident that we have a better lot this time.

No effort has been spared to make this sale a real event. Every consignment has been carefully inspected and more than thirty herds are represented.

Notice Our Health Requirements and Guarantees

Every animal must be from a fully accredited herd or from a herd which has passed one or more clean tests under state and federal supervision to be eligible to this sale.

Every animal over three months of age sold with a sixty to ninety day retest guarantee.

When There Are Better Guarantees of Health Michigan Will Give Them

THIS SALE INCLUDES THE NEW STATE CHAMPION OF MICHIGAN

Crest Farm Johan Pauline, 423898

with 34.91 lbs. butter and 504.3 lbs. milk as a Senior three-year-old. She was sired by the famous Johan Hengerveld Lad and her dam is a 26-lb. Junior two-year-old.

Five other 30-lb. cows will be sold.

You can't afford to miss this sale.

The Michigan Holstein-Friesian Ass'n

H. W. Norton, Jr., Secretary

Old State Block, Lansing, Michigan

Attend These Sales

Central Michigan Breeders	*East Lansing, May 23rd*
John M. Tobin Dispersion	*Allegan, May 24th*
Martin Buth Dispersion	*Grand Rapids, May 26th*
Third Michigan State Sale	*Grand Rapids, May 27th*

Buyers' Opportunities

Here are big opportunities done up in small packages—the Sales Market of Unlimited choice. Advertising in this department is accepted at regular rates and subject only to minor restrictions regarding style and typography.

CRYSTAL SPRING FARM BERKSHIRES

20 Yearling Gilts bred to our great boars for April and May farrow. Daughters and granddaughters of the American Champion, Symboleer Junior.

$75 each for quick sale.

Large and excellent individuals. 50 small pigs four to six weeks old. $20 per pair, not akin.

G. Smith & Sons

Seelyville, Pa.

A PROVEN BLOOD LINE

KING SEGIS transmitted to his sons the power to transmit to their daughters, the greatest of production over long periods. It is his offspring that has recently made the greatest yearly production ever dreamed of—37,381.4 lbs. milk in a year.

We have for sale at moderate prices—Beautiful Individuals of show type KING SEGIS bulls.

Grand River Stock Farm

113 E. Main St. Jackson, Mich.
Corey J. Spencer, Owner
Under State and Federal Supervision

H. A. STROHMEYER, JR.

Photographer of Animals

ALWAYS IN THE EAST.

215 Fourth Ave., New York City

The Michigan School for the Deaf, Flint, Michigan

Offers bull calves for sale at very low prices.
Our herd is under Federal supervision.
Write to

W. L. Hoffman, Steward

for particulars.

BULL CALF

Dam 25.25 lbs. at 3 years, has Test Association record 831 lbs. 1 year; her dam, sister to Tilly Alcartra. Also one with two grandams averaging 1069 lbs. 1 year and 36.2 lbs. 7 days.

McKAY BROS.

Caddoa Col.

Don't Lose Him

prevent and cure deadly WHITE SCOURS with Cura-Bos Scour Remedy. Saves new-born, valuable calves. Used everywhere by successful dairymen. Send NOW. $1.00 or $2.00 sizes, postpaid.
Troy Chemical Co., Binghamton, N. Y.

Place Order Now

to Insure

Pedigrees for Annual Meeting

The CORSE PRESS

Sandy Creek, N. Y.

BARGAIN BULLS

Sired by a 30-lb. son of King Korndyke Sadie Vale from daughters of 30-lb. son of King Korndyke Pontiac Lass. A. R. O. dams. Surprisingly cheap, to make room Write to us.

BOARDMAN FARMS
Jackson, Michigan
Under Federal Supervision.
Holstein Breeders since 1906.

ASHGLEN HOLSTEINS

Advance Registry bred bulls ready for service, and prize winners for immediate sale—having no separate pasture they are priced low for quick sales.

D. W. EMERSON

Ashland, Wis.

37-LB. BULL FOR SALE

Sire—Idleaze Pontiac Pietje whose dam is a 42.50-lb. daughter of King of the Pontiacs. Dam of bull, Topsy Maid De Kol, has 32.75 lbs. butter and 603.3 lbs. milk. Calf weighed 125 lbs. at birth. Fine individual. Average of two nearest dams is 37.63 lbs. butter and 659.4 lbs. milk Average of all six dams in pedigree is over 31 lbs. Send for pedigree and price

IDLEAZE FARMS
J. W. Vaughn Johnstown, N. Y

GRANDSON OF 42-LB. COW

Offer a bull calf sired by Idleaze Pontiac Pietje whose dam is a 42.50-lb. daughter of King of the Pontiacs. Sire's dam has 35.89. Dam of calf is a 15.5 lb. junior 2-year-old daughter of a 30-lb. cow. Calf is straight, more black than white, about a month old.

Hugh J. Davis

Broadalbin, N. Y.

NORTH-WEST COW TESTING ASSOCIATIONS

By GEO. W. ANGELL

Snohomish Valley

Every herd and individual among the leaders in the February report of the Snohomish Valley Cow Testing Association is a grade or registered herd or individual, and the association made average records for the month of 28.57 pounds of butterfat from 781.8 pounds of milk, with 303 cows tested during the month out of 355 on the books of the association. Twenty-four cows made 40 to 50 pounds of butterfat, 11 made 50 to 60, two made 60 to 70, and one made over 70, a total over 40 pounds of 38. High herds of 15 cows or over include those of Chris Jensen, Snohomish, 51 grade Holsteins, 34 lbs. fat from 1045 milk; Robert Kooistra, Everett, 39 grade and registered Holsteins, 33.7 from 1007; and Lord Brothers, Snohomish, 24 grade Holsteins, 30.6 from 799. High herds of under 15 cows include those of L. F. Krassin & Son, Snohomish, 9 grade and registered Holsteins, 38.4 from 1062; Martin Treosti, Snohomish, 10 grade and registered Holsteins, 36.2 from 1148; and Ralph Tornsrud, Machias, 12 grade Holsteins, 32.5 from 743. The five best purebred cows for the month are owned and produced butterfat as follows: F. L. Krassin & Sons, Kakenstein Parthenea Ormsby, 80 pounds; Robert Kooistra, Wellington Pontiac of Donnybrook, 57.6 pounds; Martin Treosti, Katina De Kol of Tarboo 2nd, 51.7 pounds; Martin Treosti, Zu Zu Longfield, 49.9 pounds; and Herman Steffen, Sadie Colantha Fayne 46.5 pounds. The four best grade cows are owned by Chris Jensen, 68.6; Robert Kooistra, 60.5; Jensen, 59.9; and Kooistra, 58.0 Robert Kooistra had nine cows over 40 pounds; Ralph Tornsrud four, Chris Jensen 10, Herman Steffen one. Lord Brothers three, F. L. Krassin & Son two and Martin Treosti one.

Bonner County

A registered Holstein owned by Oliver Ruen of Clarksfork made 62.68 pounds of butterfat in February and topped the list of leaders in the Bonner County Cow Testing Association in Idaho. She gave 1567 pounds of milk. The average of 192 cows in the association was 24.84 pounds of fat from 540 of milk. Herd improvements noted in the report of Tester Matt Resendes include the purchase by W. V. Alverson of Sandpoint of a registered Holstein sire from Waikiki farms, Spokane.

Cow testing association work in Western Washington was stimulated during March by the work of C. V. Castle, association organizer connected with the western office of the dairy division at Salt Lake City, who in co-operation with F. W. Kehrli, dairy extension specialist of the Washington state college, worked in the counties of Lewis, Cowlitz and King County Agent A. B. Nystrom of King county organized one association there in February, and work on another was completed in March.

Stillaguamish Valley

Though most of the herds in the Stillaguamish Valley Cow Testing Association in Snohomish county are made up of Guernseys and Jerseys, there are a few Holstein herds and in-

dividuals in the honor list of its summary of four years work, and the summary makes possible some interesting conclusions regarding association testing. The Stillaguamish Association is the oldest in the state from the standpoint of continuous testing. More cows on test for the full 12 months of 1920 than in any previous year, and this coupled with the fact that the spring of 1920 was a difficult one on account of high feed prices, low milk prices and late pastures, tended to lower the butterfat average, which was 292 pounds from 476 cows, as compared with 287 from 467 in 1917, 295 from 353 in 1918, and 308 from 335 in 1919. The six highest herds have been testing continuously since the association started, and they have also had pure bred sires at their head and have been fed more or less grain throughout the year. Four of the six lowest herds tested for the first time last year, and none has tested more than two years. The ten highest cows for butterfat are from herds that have been in the association all four years.

Dairygrams

All breeders will be interested in the recent experiments at a Western station wherein it has been conclusively demonstrated that cows which are fed rations containing vitamines in good supply in turn give much more vitamine-rich milk, whereas when rations are deficient in vitamines, the resulting milk will be vitamine-poor and those who consume it will not receive their due at the hands of these life-making substances. The good dairyman, therefore, will try to feed green feeds so far as compatible with conditions and profits, that consumers depending upon their milk supply for these vital health factors may not be cheated.

* * *

THE TWENTY-THIRD LAMENT

A scrub is my herd sire; I know no better.
He maketh my cows and young heifers to freshen.
He leadeth me into deep waters.
He vexeth my soul.
He leadeth me into the depth of poverty as his dam did.
Yea, tho' you trace back the line of his remotest ancestors,
You will find no producers for they are all scrubs.
His dam and his heifers, they produce not.
He is ever a disgrace to me in the presence of my neighbors.
He runneth my bank book into red; my account is overdrawn.
But the scrub and his offspring shall not haunt me all the days of my life,
For they shall dwell in the barn of my herd no longer.

* * *

Why wouldn't it be a good idea for Holstein advertisers who have sold several or many bulls to other breeders to give a list of such animals and their buyers in future advertisements? Hargrove and Arnold, in a recent World, published a list of 41 bulls which they have sold, and the names of the 41 owners. Such a statement from the larger establishment is both

RAISE BIGGER, STRONGER, HEALTHIER CALVES

At ONE-THIRD YOUR PRESENT COST YOU CAN DO IT with

Ryde's Cream Calf Meal

Results guaranteed. Thousands of breeders have done it; and are doing it now. If they can, so can you. Ryde's Cream Calf Meal is a complete food for young calves. It gives them every feeding element they need for thrifty growth; and gives it to them in the most digestible form.

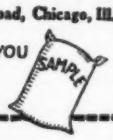
Better than whole milk for calves. Whole milk makes show calves too heavy in the neck, too beefy, and lacking in dairy temperament. Ryde's Cream Calf Meal will grow you better show calves than you ever had before.

Makes Better Calves—Saves Milk—Saves Calves Costs Much Less to Feed
Sold in spotted bags that hit the spot with calves

Fill in the coupon and mail it to us today. It will bring you a feeding sample of Ryde's Cream Calf Meal Free and will also bring you the story of how one of the most famous A. R. O. bulls of the Holstein breed was raised on Ryde's Cream Calf Meal. Get the feeding sample and hear the story of this great Holstein bull. Send us the coupon **now.**

RYDE & CO., 5434 Roosevelt Road, Chicago, Ill.

WILL PROVE IT TO YOU **FREE**



Ryde & Company,
5434 Roosevelt Road, Chicago, Ill.
Please send me the feeding sample of Ryde's Cream Calf Meal and the story of the famous Holstein bull raised on it, mentioned in the Holstein-Fresian World.
Name.....
Address.....
Dealer's Name.....
Address.....

$130 the Pair

Buy them young and save those big express charges. Bull calf from 34-lb. sire and 20-lb. 2-year-old dam, second dam 22.26, both real milk machines. Safe delivery guaranteed. Clean herd. T. B. tested. $200 crated, f. o. b. He's worth twice the money.

F. H. JUDD
Linden New York

FOR SALE

Korndyke Gerben Sarcastic 315443. Dropped Aug. 26, 1919.

His dam's record is 22,717 pounds milk, 833 lbs. butter.

His grandam Katy Gerben was World's Champion 3-year-old with 831 pounds butter, 19161 pounds milk.

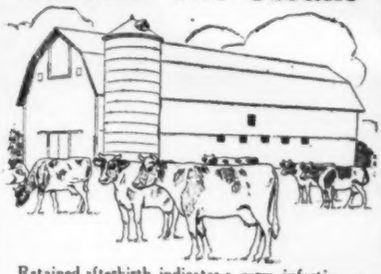
Some younger grandsons of Katy Gerben.

Write for extended pedigree and price.

Colorado Agricultural College
Fort Collins, Colo.

R. G. Harwood, Specialist
LIVESTOCK INSURANCE
Write or wire at my expense for coverage or particulars. ....
92 Water St.
Boston, Mass.

Be Sure She Cleans



Retained afterbirth indicates a germ infection—that all your cows are likely to catch. Don't try to remove this afterbirth by the disagreeable hand method—the membranes are easily torn and further infected causing blood poisoning—besides you never get it all and serious results follow.

B-K dissolves the adhesions, brings the afterbirth naturally, killing the germs and foul odors—no straining or irritation. B-K is much more effective and safer than Lugol's Solution carbolic acid, or coal tar disinfectants which do not cleanse the uterus but coagulate the matter and make the uterus more acid and irritated and are poisons.

Do not be without B-K—You have in the **one bottle**—your protection against abortion—retained afterbirth—calf scours—always ready. Ask your dealer or write us for our booklet.

Get a gallon—the standard Farm Package. If your dealer hasn't that size, have him get it for you.

GENERAL LABORATORIES
Madison, Wisconsin

B-K Bacili-Kil
The Sentinel of Sanitation

Beautiful Yearling Bull

Federally Tested Herd **$265** Partial Delivery

Born Feb., 1920. Very light in color, straight lines, well grown, attractive, ready for heavy service.

Sire—A 31-lb. grandson of the famous Century Sire, De Kol's 2d Butter Boy 3rd and Duke Wayne Veeman De Kol, sire of 3 cows with records of 30 to 40 lbs.

Dam—A beautiful large heifer with present record of 14.47 lbs. at 30 mo., will eventually have large official records; she by a good grandson of De Kol's 2d's Butter Boy 3rd; next dam a 22-lb. cow (672 lbs. of milk) by a son of the King of Pontiacs having a 37-lb. 4-yr.-old daughter and out of the famous foundation 44-lb. cow, Pauline De Kol Ophelia.

This well bred yearling derives 50% of his blood from the noted Meadow Lark Fobes Butter Boy.

A good buy at $265—one-half express charges allowed to any point within 300 miles. Safe delivery guaranteed.

BROADHURST HOLSTEIN FARM
Morrisville, N. Y.
"Which is in Madison County"

North Bend Korndyke Ace

A show bull, very light in color, born February 12, 1920, ready for immediate service.

Sire—of King Korndyke Sadie Vale, Sir Veeman Hengerveld, Hengerveld De Kol breeding. Sire's dam with 28.65 butter at four years; best day's milk 92 lbs.

Dam has twice made over 600 lbs. milk, best day's milk 97½ lbs., is a 30-lb. prospect. Has 27.15 at five years. Is of Hengerveld De Kol-Pietertje Hengerveld Count's De Kol breeding. Entire herd has just passed clean Federal T. B. test. Price $250.00 F. O. B. Peru. Photo and pedigree sent upon request.

ARNOLD & STAFFORD
PERU, N. Y.

Advertise in the Holstein-Friesian World

SALE CATALOGUES

We are supplying all of the biggest sales of the central south and Pacific west. Terms on application.

Western Holstein Pedigree Co.
Webster City, Iowa

Peck — The Utmost in Quality
O. S. PECK
Norwichtown, Conn

Auctioneer — North, East, South West, wherever I go; they call me "Whirlwind Peck"

"He Who Looks Ahead Gets Ahead"

GEORGE W. BAXTER
Holstein Auctioneer
Lock Box 414 Elmira, N. Y.
"Satisfied customers my best advertising"

AUCTIONEER
A lifetime's experience with Holsteins and selling sales all over the United States and Canada. "That's us." Perhaps we can make you a dollar.
R. E. HAEGER
Algonquin Illinois

The High Dollar
For your Holstein with
J. E. MACK
FT. ATKINSON, WIS.

Managing Public Sales
Can take entire charge of your sale or assist in the box the day of the sale. Things done on time. Relieve you of work and worry.
Write for dates.
F. H. EVERSON Lake Mills Wisconsin

"THINK"
COL. D. L. PERRY
THE HOLSTEIN AUCTIONEER
I also sell satisfaction
Columbus Ohio

SCOTT in the Box for your public Sales
Results Satisfaction
B. D. SCOTT
Market State Bank Building
Minneapolis, Minn.

"Ye Cannot Serve Two Masters"
And yet it is only through my service to both buyer and seller that I am today
The Only Exclusive Director of Public Sales
WIRE NOW to make certain that you can have at your next sale
WOOD IN THE BOX
S T WOOD Liverpool, N. Y.
Sales Pedigree Catalogs

W. E. COOK
HOLSTEIN AUCTIONEER
"I can make you some money."
Write or wire for dates.
Unity Wis.

W. H. KRAUSE
Wisconsin Live Wire in Holstein Sales
Write for Dates
THORP WISCONSIN

When it is a Holstein Sale
Write or Wire
HESS & HAMMOND
The Auctioneers
302 Second Nat'l Bldg. Akron, O.
(For prompt delivery use office address)
WE DO THE WORK

Twenty Years' Experience as The Leading Auctioneer
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2781 So. Salina Street
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H. R. LONGACRE
Manager and Director of Holstein Sales
ROYERSFORD PA.

TYPEWRITTEN PEDIGREES
Four-generation, three copies, $1.00
Write for sample and prices. Accurate work, quick service.
C. W. ELLIS, Jr.
Cortland New York

YOUR PUBLIC SALE
Will interest buyers if properly advertised, catalogued and managed. Hastings Sale Service won't cost you money; it will make you money. Your sale is too important to be neglected in any detail. Ask for our proposition.
E. M. Hastings Co.
Pulaski, N. Y.
Managers Annual National Sale in connection with National Dairy Show.

It Pays To Get to get a red-blooded, forcible, convincing auctioneer who is out the best prices for his clients and give satisfaction to the buyer.
Such a one is GLENN R. MEAD of East Aurora, N. Y. He's **A Live Wire!**

TYPEWRITTEN PEDIGREES
4-Generation, 3 copies $1.50
5-generation, 3 copies $2.50
Sale Catalogs
Strictly Modern—Produce Results
Price on request.
Alden Sales & Pedigree Co.
Alden, N. Y.

interesting and instructive and surely forms a strong advertisement in itself. We would like to see a list of bulls in service sold from representative herds. Who has sold the most bulls, anyway, and to whom do they now belong?

* * *

Jones: They say Green has been wandering in his mind lately.

Bones: Well, cheer up! He's safe enough; he can't go far.

* * *

On every side you hear that baby bulls are a drug on the market at this time, money being tight and so on. It is affirmed that the most promising of "kid" herd-sires, unless backed by worth-while records and from proven sires, eventually land in the soup-pot, at least during our present violent "re-adjustment." Then, instead of canning our good baby bulls when we know they would do millions of poor herds invaluable good, why not offer them "on time," or "terms" far more often than is now done? Many a farmer would think he could afford to purchase a purebred bull on credit where he could never muster the courage to undertake full payment at once. Millions of concerns in this country are successfully and safely dealing on the installment plan and Holstein breeders might as well begin to follow the procession. These establishments merely require the signatures of three reliable business men as assurance that the buyer is probably an O. K. risk, and the phonograph, piano, automobile or whatever it is goes to the purchaser with a first payment. If other articles can be sold this way, so can Holsteins with proper modifications, and it would be much better for all concerned than to veal the calves at real sacrifices. Why not consider the matter and start a baby-bull campaign on the installment plan?

* * *

Congress recently made an appropriation of $2,000,000 to loan money to the stricken Western farmers to buy seed. An office has been opened at Fargo, North Dakota, to operate under direction of the agricultural department for the distribution of funds.

* * *

Cocoanut oil, the mainstay of the various oleomargarines and nut (imitation) butter is imported into this country for the following uses beside the one mentioned: soap, candles, paints, varnishes, linoleum, oil cloth, rubber substitutes, printer's ink, lubricants for machinery and many others. It is also the chief food of the South Sea Islanders, which may be one reason that the blacks do not average more than 30 years in this world. Cocoanut lacks vitamines, as do most vegetable fats, and without these we eventually perish. Those families, cities and nations which are favoring vegetable fat products today in place of dairy products do so at a terrible risk. Their day of reckoning may not be tomorrow or the day after, but the years to come will surely tell the story.

* * *

Some folks keep cows some cows keep folks, notably the good purebred Holstein dairies. Which kind would you recommend to your neighbor?

Barren Cows

Must Be Made to Breed or Your Dairy Business will be a Failure. They

Can Be Made to Breed

By the use of

Hood Farm Breeding Powder

We say this confidently because it has been used with such marvelous results by so many breeders. Every cow at Hood Farm is treated with the Breeding Powder, and we know that it does make barren cows and heifers breed, we know that it checks and prevents abortion: we know that it makes cows clean quickly, thereby saving us hundreds of dollars annually.

Order today, mentioning this paper.

Prices prepaid $1.15, $2.75 and $5.00. Flexible Injection Tube, by mail, 90c. Mammoth size Breeding Powder and Tube, prepaid, $5.75.

C. I. HOOD CO., Lowell, Mass.

ROSNI HOLSTEINS

All animals tested for the year. Accredited herd of 100 head.

Long distance bull calf for sale.

Sired by Homestead Superb Vale, whose first six 2-year-old daughters averaged 704 lbs. butter and 17092 lbs. milk

Dam, Aaggie Netherland Johanna Segis with a 2-year-old record of 668 lbs. butter from 15333 lbs. milk, she by a 1127-lb. son of Tweede White Lady.

Buy the long distance kind.

Frank S. Walker

Woodberry Forest, Va.

Grandson of

CHAMPION ECHO SYLVIA PONTIAC

For $100 crated at Express Co. here. 7 dams average 26 lbs.

Sire: King Sylvia Model No. 266179. Seven nearest dams average 35.4 lbs. butter in 7 days, and 148 lbs. in 30 days.

Dam: Bellwood Pontiac Ormsby Ruth, No. 478494, A. R. O. at 23 months, 16.3 lbs butter, 342.9 lbs. milk 7 days. Now on yearly test as yearling. She is a granddaughter of King of the Pontiacs.

Her dam is an A. R. O. granddaughter of King Korndyke Hengerveld Ormsby.

Good individual, largely white. Federal tested herd. Photo and pedigree on request

BELLWOOD FARM

C. W. Bray R. D. 1 Bridgeport, Pa.

Position Wanted

Experienced man wishes position with pure bred Holstein herd.

W. R. WEBSTER

Dane, Wis.

LOOK HERE

Bull calf, nice individual from 19.70-lb. three-year-old, her dam a 24-lb. cow. This calf is backed by large milk producers.

Send for pedigrees. $80.00 takes him with all papers. A good eight months note the same as cash. Will ship on approval. you must be pleased if you do business with me.

D. M. WHITE

BATH, N. Y.

CAYUGA COUNTY, N. Y.

"Where Healthy Holsteins Thrive"

Write to W. H. Depew, special sales representative, Cayuga County Farm Bureau Office, Auburn, N. Y., for list of registered Holsteins offered for sale by members of the Cayuga County Holstein Club.

"Home of the Kookee Family"

Our "Hobby" is to breed animals of extreme show type, large milk flow, normal butter fat. We have in service a highly bred bull whose dam made 1253 lbs. of butter in a year. Can supply discriminating customers with animals of either sex that will suit.

Address—

Maplecroft Farms

PAWLING Dutchess Co., N. Y.

J. Gerow Dutcher, Prop. H. D. Warner, Mgr.

NUWAY FARMS OFFER

Grandson of King Korndyke Sadie Vale, ready for immediate service. Dam is a 25-lb. 4-year-old granddaughter of Mollie De Kol Artis (she with 28 lbs.) Six nearest dams average over 28.5 lbs. butter. Bull is more white than black, well grown and an excellent individual. Priced for quick sale, $200 f. o. b. West Winfield. For particulars address

D. W. MORRIS & SON

West Winfield, N. Y.

FROM A 975-LB. DAM

we offer a yearling bull sired by a son of King Segis Pontiac and grandson of former world champion cow. Dam of bull made 975 lbs. butter from over 23,000 lbs. milk in a year as a three-year-old. She is from the same dam as the famous show cow, Irene Sarcastic De Kol, five times grand champion in 1920.

Priced moderately. Let me send you his full pedigree.

T. M. EWING Independence, Kans.

YEARLY RECORDS

1st dam 605 lbs. Butter Jr. 2.
2nd Dam 433 lbs. Butter Jr. 2.
3rd Dam 711 lbs. Butter
4th Dam 21 lbs. Butter 7 days, 18,000 lbs. Milk 1 year (All records made on 2 milkings a day.)
Sire: A son of King Joh of the Great King Segis strain.
Bull Calf.
Hollins Herd Accredited.

Jos. A. Turner, Mgr. Hollins, Va.
Dept. W.

U. S. Soldiers Home Dairy
Washington, D. C.

Offers for sale at reasonable prices from the first accredited herd in the U. S. purebred Holstein-Friesian bulls from yearly tested dams. Herd free from tuberculosis for more than eight years. Latest combination test completed 1921 by U. S. Dept. of Agriculture.

Advertise in the
Holstein-Friesian World

Prices are dropping thick and fast. At one of the largest fountains in a near-by city the price of the great American milk shake has been reduced from 17 cents to 11 cents and of the malted milk shake from 22 cents to 17 cents. Even so, figure the producers' part in this dollar at present prices.

* * *

"What's the quickest way to cure a socialist?"

"Hand him $10,000 and tell him to divide it equally among his brethren."

* * *

ICE CREAM DROPS 20 CENTS WHOLESALE PER GALLON— Headline. As a fond parent often called upon to purchase ice cream cones, we would like to suggest to dealers that they increase the diameter of the piece of ice cream. The present size looks as if it were dished up in the half-shell of an English walnut.—Detroit Press.

* * *

Dr. Harry Barringer Cox, physicist and inventor, a native of Zanesville, Ohio, but now living in Los Angeles says that he has segregated vitamines, the essence of life, in fruit, vegetables and milk. He says man can eat four or five ounces of vitamines and do a day's work. He has vitamines in liquid and cellular form and says they taste like wine. Next!

* * *

What is termed a sweeping exemption from all taxation is the result of the action of the U. S. supreme court in sustaining the constitutionality of the tax-exempt feature of the federal loan mortgage bonds. Issued to bear 5 per cent, these bonds are now yielding about 5½ per cent on the market, which makes them an alluring investment to cautious buyers.

* * *

A pessimist and an optimist were discussing life from their different viewpoints. "I really believe", said the former, "that I could make a better world myself." "Sure," returned the optimist, "that's what we are here for. Now let us go to work and do it."

* * *

It is stated that failure in finding lesions in animals condemned by the tuberculosis test by no means proves the absence of disease. Microscopic examinations are impractical and even they are not certain unless extensively made. Morever, it is now known that an animal may be tubercular without having lesions—that blood tests will evidence the disease in reactors in which lesions cannot be found. The fallacy of requiring lesions in animals which have been guaranteed for retest is seen when it is known that as high as 15 per cent of tubercular animals may not have developed lesions. All reactors in which the disease is in its incipient stages are likely to show no signs of tuberculosis upon slaughter.—Hoards Dairyman.

* * *

Mrs. Holstein: Does your husband remember the anniversary of your marriage?

Mrs. Jersey: Never; so I remind him of it twice a year and get two presents.

BULL BORN OCT. 20, 1919

Sire—Great Peter. Dam—Terracelawn Pontiac Lady No 278959. Record 22.34 at 3 years with first calf. The records of his three nearest dams and two full sisters to the sire average butter 7 days 34.75. Price $300.

H. C. Swartout Hartwick Seminary New York

Why Take Chances

Buy your next herd sire from a clean herd. We have for sale a young bull nearly ready for service. He is well marked and a beautiful individual. His sire, Sir Johanna Korndyke Vale, is from Johanna Butter Boy with a record of 30.44 lbs. butter. Her dam is Change Princess Butter Boy with 35 lbs. His sire is one of the best proven sons of King Korndyke Sadie Vale.

Dam of the bull, Beryl Clothilde Artis 2d with 18.80 at two years, has two A. R. O. daughters. For pedigree and price write

P. J. Martin & Sons
Bouckville, N. Y.
(Madison Co.)

Sir Bess Pietertje Fobes

His sire the best proven son of old "Sir Piet 37th," daughter Wisconsin Pride 2d at 3 years making a world record of 540 lbs. butter in five months and keeping up 90 lbs. milk a day. Dam, Wisconsin Fobes 2d, one of the best daughters of Wisconsin Fobes. Her 2-year-old daughter, Wisconsin Ormsby, has 26.48 lbs. butter in 7 days.

His sons ready for service out of yearly tested dams, also a few cows bred to him for sale.

Bonnie Mede Stock Farm, Randolph, Wis.

UDDER INSURANCE?

Sure We Sell It

ANTICAKE
Trade Mark

"Takes the cake out of caked bag, heals sores, cuts, chapped teats, etc. Money-back guarantee. Price $1.25 prepaid, for large box, four boxes $4.50 prepaid.

Dairy Specialty Co.
Elyria, Ohio

FOR SALE

⅞ Holstein heifer calves, $15.00 each. Express paid in lots of five. 30 registered yearlings. 15 registered calves 6 months old. 10 registered bulls from dams with records up to 34 lbs. butter in 7 days. 20 registered cows. Grade Holstein cows and heifers in carload lots.

JOHN C. REAGAN
TULLY New York

Maple Grove Stock Farm

We offer at reasonable prices some very fine sons and daughters of our King Pontiac Jupiter and Model Daniel Glista from dams with records of 15 to 25 lbs.

F. Jones, Mgr.
Centerville, Pa., Crawford Co.

—FOR SALE—

Good 30-lb. bull, born January, 1919.

Dam: King Segis and Aaggie 3d Wayne Paul De Kol breeding. Has over 690 lbs. milk, 30.8 lbs. butter.

Sire: From a good daughter of King of the Pontiacs. Well grown, very long and deep, a good server. Priced reasonable as we are crowded.

Also one from a 20-lb. 3-year-old sire ready for service and a fine individual.

ARCHIE REID, JR.
Janesville, Wis.

BULL CALVES

Out of Tested Dams

and from a son of the Ohio State Champion cow for 30 and 90 days, which recently sold for $23,500. Herd under State and Federal supervision.

Crystal Spring Dairy Farm Suffield Ohio

BAR — GAIN — DAY

Three-unit second-hand milking machine complete. Fine condition $160.

WANTED

To exchange either of my old bulls of the very best blood lines, Pontiac Korndyke and K. K. S. V., for another of equal breeding and individuality, or for young females.

F. H. JUDD Linden, N. Y. (Near Batavia)

Federal Accredited

Son of King Lyons 3d

Two years old—30-lb. ancestry. Can show you his dam and second dam; also his daughters. Price $500.00.

John J. Walrath & Sons
East Springfield, N. Y.

SERVICE BULL

By a 34-lb. sire from an 18.97 lb. 2-year-old daughter of a 27-lb. cow. Bull is three-quarter brother to a junior 2-year-old that produced 524 lbs. milk and close to 20 lbs. butter. Carries the blood of Pontiac Korndyke, King of the Pontiacs, Sir Veeman Hengerveld, King Korndyke Sadie Vale and Changeling Butter Boy. Good individual, handsomely marked. Price $200.

F. W. Royce
Berkshire New York

FROM A 1000-LB. DAM

Offer a bull, born Oct. 28, 1920, from a two times 25-lb. dam that gave over 100 lbs. milk in a day and 676 lbs. in a week. Grandson of King of the Ormsbys. Her dam has seven record daughters, four above 20 lbs. Calf is good individual, well grown and priced moderately.

H. D. Seely
Goshen, N. Y.

AN ONA BULL

Offer Nov. 1920 calf with 1022 lbs. average for two dams. Grandson of Ona Button De Kol. Dam has 22 lbs. in 7 days and 700 lbs. in 318 days as a 4-year-old. She has two record daughters. Her dam also has year record. Four nearest dams of bull have year records. Send for pedigree.

W. F. Braatz
Brandon, Wis.

HERMAN FARM

Offers bull calf, grandson of Rag Apple Korndyke 8th, he from the first 38-lb. cow. Dam of calf has a 22-lb. record. Has been tested for tuberculosis. Price $195. Also some yearling heifers of good breeding.

J. A. HERMAN
Fombell, Pa.

GENOA STOCK FARMS

Headed By

FINDERNE FAYNE VALDESSA

Three near dams average 41.06. Carries the blood of five world champion cows. Every cow in our herd above 3 years averages 25 lbs. All 2-year-olds average 20 lbs. First daughters of our herd sire beginning to freshen, a most promising lot. A good time to get in on the ground floor right now.

BROCK & JENKS, Genoa, N. Y.

25,000 LB. 4% BREEDING

No. 1—A grandson of the only 25,000-lb. and 1200-lb. daughter of a 25,000-lb. and 1200-lb. cow. Seven of his first ten dams average 31.47 lbs. butter. Four of them average 21,906.8 lbs milk and 1092.33 lbs. butter, 3.98 per cent. fat. Born July 20, 1919, well grown, nearly half white. Price $150.00.

No. 2—A half brother to the above, born June 18, 1920. Two-thirds white. Nine of his first eleven dams average 30.77 lbs. butter. Four of them average 18,667.5 lbs. milk and 947.6 lbs. butter, over 4 per cent fat. Price $75.00.

EMERALD FARM
Blaker & Son Macedon Ctr., N. Y.

Smiles

The Lost Label

On the bleak heights the miners were preparing their Thanksgiving dinner.

"Bill," said a red-whiskered man, "is this here potted turkey or deviled lobster?"

Bill blushed and hung his head.

"I can't tell you," he faltered. "The label's got torn off the can."—Printers' Ink Monthly.

His Mirthful Crown

There was an old man of the Palatinate
Who selected a chair and then sat in it;
But his mirth it would crown,
If, before he sat down,
He discovered a gentleman's hat in it!
—Cartoons Magazine.

Advertising Preparedness

The Bronx is nothing if not enterprising.

Recently one of the film houses there was running the tear-compelling "Madam X." The haberdashery store next door gave up its window to a big picture from the film, carrying beneath it this legend:

"Buy a handkerchief here before you see it."—New York World.

Most Anything You Wish, We'd Say

Mr. Harrison was in a bad temper, and when an acquaintance met him one morning with a question, "'Ow is your 'ealth to-day, Mr. 'Arrison?" he waxed wrathful.

"My name is not 'Arrison," he snapped.

"Well," said the other, "if a haitch, a hay, two hars, a hi, a hes, a ho, an' a hen don't spell ''Arrison,' then what on hearth do they spell?"—Tit-Bits.

It Costs to Learn

"Say, Jim," said the friend of taxi cab driver, standing in front of the vehicle, "there's a purse lying on the floor of your car."

The driver looked carefully around and then whispered: "Sometimes when business is bad I put it there and leave the door open. It's empty, but you've no idea how many people'll jump in for a short drive when they see it."

Yes, They Make it for Both

"These face powders and things are not for anybody except girls!" said the indignant youth.

"O, I don't know, we have one kind made for Mennen women."—Retail Public Ledger.

When Resources Failed

"Why did Tom quit the photographer's daughter after all these months?"

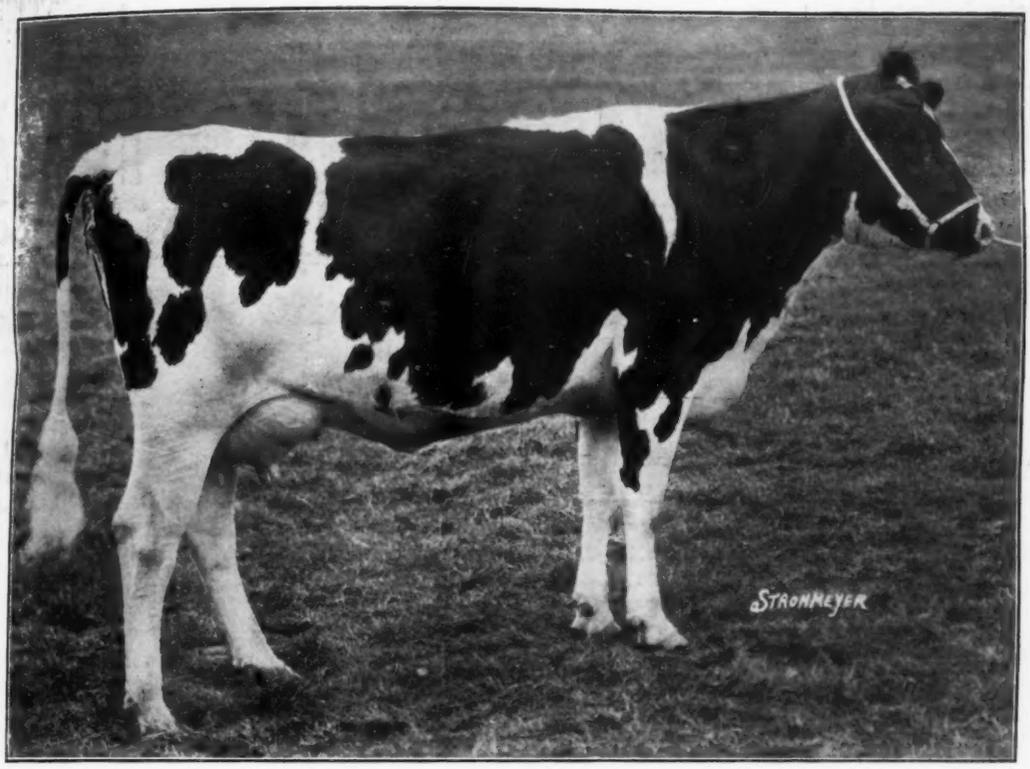
"He says he's been calling four times a week, and she hasn't gotten half through the picture album yet."—Brown Jug (Brown University.)

In Terms Domestic

"They say now that there must be a law passed for the arrest of parlor bolshevists."

"Who's to do the arresting—the kitchen police?"—Wichita Eagle.

It Is The Average That Counts



MORE OF THE BLOOD OF MABEL SEGIS KORNDYKE

This is another of the two-year-old daughters of King Valdessa Pontiac, therefore a granddaughter of Mabel Segis Korndyke and sister to our Echo King Sylvia.

We would like you to turn to our advertisement of last week and note the style of udder of these two heifers. They are typical of all the get of their sire.

Five of these heifers have freshened—every one of them in two-year-old form. They have averaged to produce 19.57 lbs. butter from 416.8 lbs. milk. More than thirty others are in the herd for development.

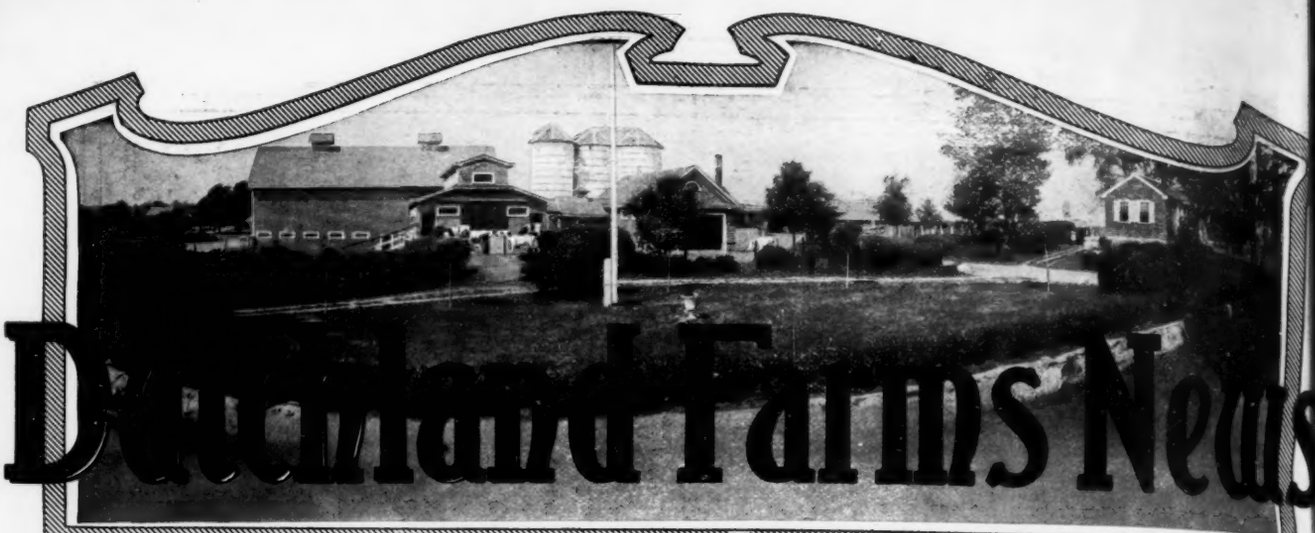
We are quite satisfied with the granddaughters of Mabel Segis Korndyke. We still own this cow. We have in use her son, King Mabel Segis Korndyke, and her grandson, Echo King Sylvia.

KING VALDESSA PONTIAC
SONS FOR SALE

Bell Farm

Coraopolis, Pa.

HOME OF ECHO KING SYLVIA {SON OF MAY ECHO SYLVIA}



Concerning the Greatest Milk Producing Herd in the World

Do You Appreciate A Real Bargain?

Here he is: A son of our DUTCHLAND CREAMELLE KORNDYKE LAD, that will be a year old in June, from DUTCHLAND PIETERTJE LADOGA GIRL.

Nearly every breeder is familiar with the remarkable work being accomplished by the daughters of Dutchland Creamelle Korndyke Lad. A few weeks ago, one of his daughters made over 30 lbs. with second calf. Another just made 32.95. A junior two-year-old finished the 12th of April with over 21,000 lbs. of milk and nearly 900 lbs. of butter. Another junior two- is making over 19,000 lbs. of milk and over 900 lbs. of butter. Two other two-year-olds have finished in the ten months' division with nearly 17,000 lbs. of milk each and 823 lbs. of butter. A sister to Dutchland Creamelle Korndyke Lad just made over 35 lbs. of butter from 750 lbs. of milk and completes four direct generations of 750 lbs. of milk each.

The dam of the young bull offered, DUTCHLAND PIETERTJE LADOGA GIRL, has a 22.17-pound junior three-year-old record. Her dam is a 30-pound daughter of Colantha Johanna Lad and a full sister to Dutchland Colantha Ladoga, which is the dam of the bull that sired the world's champion twins and the dam of Dutchland Creamelle Ladoga Girl that recently made 32.95 lbs. The third dam is Ladoga Pauline De Kol, a 31-pound cow, that has 6 A. R. O. daughters, two above 30 lbs. Dutchland Pietertje Ladoga Girl is being fitted for test and is one of the very best prospects we will have, this spring. She should easily complete three direct generations of dams with over 30 lbs.

When you have an opportunity to own a CREAMELLE son from a family like this at the price we are offering this bull (that will be ready for service in a very short time) we are sure you will take advantage of it!

DUTCHLAND CREAMELLE LAD COLANTHA No. 327616 (twin) is mostly white, has a perfect top line, deep body, and is a good show bull. Our price for immediate acceptance is $900. This price, however, will not stand after the dam again freshens which will be within a month.

CAN YOU NOT APPRECIATE THE POSSIBILITIES IN THIS BULL WITH HIS DAM JUST ABOUT TO MAKE ANOTHER AND MATURE RECORD?

FRED F. FIELD
DUTCHLAND
MONTELLO STATION

HOLSTEIN
FARMS
BROCKTON MASS.

"THE HOME OF PRODUCING DAMS."